



## NORTH BENGAL ST. XAVIER'S COLLEGE

RAJGANJ / SILIGURI CAMPUS  
WEST BENGAL

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### Principal's Annual Report (July 2022- June 2023)

A very good morning and a hearty welcome to all of you on the 16<sup>th</sup> X-cellenceDay ! And to grace this occasion and make the day memorable for the achievers we have two distinguished guests from the University of North Bengal. I really feel honoured to welcome in our midst the Chief Guest of the day, recently appointed Vice Chancellor of our university, Prof (Dr) Sanchari Roy Mukherjee and the Guest of Honour, Prof. Zinia Mitra, the Head of English Department at the University of North Bengal. Of course, both of them are not new to this institution: at least, once before our current Vice Chancellor came here (if my memory serves me well- in 2019) before the pandemic in 2020 and before she took charge as the Vice Chancellor of Dukshin Dinajpur University. She went on to become the Vice Chancellor of Rajganj University and now she is back as the Vice Chancellor of NBU where she has spent most of her academic career. Prof. Zinia ma'am, too, is not new to this college; besides coming for an international seminar last year, she is the university nominee for our College Governing Board. And so, we profusely thank both of you for sparing some of your precious time in order to be with us today. Your presence will definitely motivate and inspire our students to further excel in their academic as well as non-academic fields and certainly in their lives. And so, staffs and students please, put your hands together to welcome these two distinguished guests in our midst.

I also take this opportunity to heartily welcome all the parents and guardians who have come from near and far to witness their wards being felicitated for their excellent performances.

Indeed, we are here today because we have with us our students present and some past including our faculty members who have done exceedingly well in academic or other non-academic fields. And hence, at the outset let me congratulate the toppers and achievers in studies and outstanding performers in non-academic fields.

On this wonderful day, I will try to mention some landmark events and achievements by our students and staff during the academic session 2022-23 and also different activities/programs that were conducted at college and departmental levels.

#### I. Academic Performance of our Students

I must admit that switching back from online mode of exams to conventional written exams was not very easy for many which was reflected in relatively poor results in the first semester after Pandemic but our students bounced back with much improved performances in the subsequent semester. Despite all odds there were some bright spots-Abhigya Chettri from Microbiology ranked 1<sup>st</sup> in the university.

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**Below are the results of Graduating Batch 2022 (Rajganj Campus):**

Course	Appeared for Exams	O	A+/A	B+/B	F	XX	Total
B.A (Hons)	147	0	109	35	02	01	147
B.Sc (Hons)	64	07	56	01	0	0	64
B.Com (Hons)	33	0	32	01	0	0	33
B.Com (P)	03	0	0	03	0	0	3
<b>TOTAL</b>	<b>247</b>	<b>07</b>	<b>197</b>	<b>42</b>	<b>03</b>	<b>01</b>	<b>247</b>

**Graduating Batch 2022 (Siliguri Campus)**

Course	Appeared for Exams	O	A+	A	B+/B	F	Total
B.Com (Hons)	23	0	15	08	0	0	23
B.Com (P)	05	0	0	05	0	0	05
B.B.A (Hons)	18	0	07	11	0	0	18
<b>TOTAL</b>	<b>46</b>	<b>0</b>	<b>22</b>	<b>24</b>	<b>0</b>	<b>0</b>	<b>46</b>

## **II. Achievements by Teaching Faculty**

Every year some of our teaching faculties are obtaining Doctoral Degrees. Once again in the academic session 2022-23, two of them, after having successfully defended their doctoral thesis, received the **Doctor of Philosophy (Ph.D)**. They are:

**Dr. Persis Mukhia**(Dept of Sociology) with the title, *Trafficking of Women in Darjeeling Hills: A Sociological Study*’, from the University of North Bengal.

**Dr Saikat Roy**(Dept of Political Science) with the title, *Conflict Management in a Multicultural Society: A study of Terai & Dooars Region in West Bengal*’, from the University of North Bengal.

We congratulate both of them for achieving this feat!

## **III. Our Teaching Faculties in Board of Studies (BOS)**

Board of Studies (BOS) is a very important forum that prepares or rectifies or improvises curriculum and syllabi of a particular department across the university. Normally, under any affiliating university, with the presence of highly experienced professors, it is rather rare for the undergraduate college teachers to be incorporated as members of a Board of Studies. Therefore, it is a matter of great pride that three of our faculty members have been appointed as the members of BOS in their respective departments for academic session: 2023-24:

1. Dr.Biprانش Kr. Tiwary (2<sup>nd</sup>Term- BoS, Dept of Microbiology)
2. Dr. Chandrani Choudhury (BOS, Dept of Botany)
3. Dr. Aparna Chatterjee (BOS, Dept of Sociology)



#### IV. Awards and Recognitions for Faculty Members

The following faculty members of our college participated in seminars and conferences and received awards/recognitions:

- **Dr. Chandrani Choudhury (Dept of Botany)** received '**Best Oral Presentation Award**' in the International Conference on 'Advances in Plants, Microbes and Agricultural Sciences (APMAS)' 2023.
- She also was a **Co-Chairperson** in one of the scientific sessions in the International Conference APMAS-2023.
- **Dr. Payel Paul** (Dept. of Botany), received "**Young Scientist Award**" in the International Conference on 'Advances in Plants, Microbes and Agricultural Science', organised by the Department of Botany, NBU, from the 2nd to 4<sup>th</sup> of March, 2023.

#### V. Publication in Journals/ Books/Book Chapters

In the academic session 2022-23 a total number of publications were as follows: books (2), book chapters ( ), journals ( ) in UGC CARE and reputed international journals.

The following faculty members published their research works:

Dr. Chandrani Choudhuri, (Dept. of Botany)

- "Application of nickel chitosan nanoconjugate as an antifungal agent for combating Fusarium rot of wheat" in *Scientific reports*, 2022.
- "Assessment of antifungal activity of nano-chitosan against mung bean seed borne pathogen *Aspergillus flavus* through solid matrix priming" in *South African Journal of Botany*, 2022.
- "Ethnomedicinal study on plant resources from sacred groves of Dakshin Dinajpur district, West Bengal, India" in *Ethnobotany Research and Applications*, 2023.
- Dr. Chandrani Choudhuri published three (03) abstracts in *Abstract Book of International Conference APMAS-2023*:
  - "Determination of antifungal efficacy of silver nanochitosan on seed borne pathogens of wheat through nano-priming and its effect on nutritional status of seedlings".
  - "Assessment of antifungal activity of Nickel chitosan nanoconjugate against Fusarium rot of wheat".
  - "Assessment of antifungal activity of copper based nanochitosan on *Rhizopus stolonifer*, a virulent phytopathogen".

Dr. Chandrani Choudhuri also published (01) book Chapter titled, "Plant-Microbe Interaction and their role in mitigation of Heat Stress" in *Microbial Symbionts and Plant Health: Trends and application for changing climate*, published by Springer Publication, pp. 127-147.



Dr. Aparna Chatterjee, (Dept of Sociology) published a monograph titled *The Barua Buddhists: Lineage and Cultural Interface*.

Ms. Nitya Rai and Dr. Bipranish Kr. Tiwary, (Dept of Microbiology) NBSXC, has jointly published a book chapter titled, "Oligotrophs: microbes at low nutrient levels", in *Extremophiles: Diversity, Adaptation and Applications*.

- Dr. Haimanti Barman, (Bengali teacher) had two publications:  
A book chapter titled, "Bigyan Vabnay Teensongi", in *Rabindrachintachorcha*, edited by Dr. Utpal Mandal and Dr. Ashis Roy, published by the Dept. of Bengali, NBU, March 2023. ISBN: 978-93-5782-815-
- An article titled, "BODHIRA: *Atmobikkhone Protibimbito Prokritichetona*", in *SHRUTI* (A Peer Reviewed Refereed Journal),
- Dr. Baidurya Biswas (dept of Geography) published the following research articles:  
"Analysis of geomorphic indices of longitudinal river profile of Sanka River and its tributaries of Chhota Nagpur Plateau, India" in Edited book. ISBN: 978-93-5704-498-1, pp. 120-129.
- "Assessing Vulnerability of groundwater resource in urban and sub-urban areas of Siliguri, North Bengal (India): A special reference to LULC alteration". (2023), *Elsevier Inc*, doi.org/10.1016/B978-0-323-99963-2.00006-7, pp. 249-273.

Dr. Asim Mitra, (Dept. of Commerce) published a paper titled, "Subjective Knowledge, Perceived Ability, Motivation, and Age: A Mediated Moderation Model of Antecedents of Stock Market Investors' Information Search", in the online journal *Global Business Review*, published by SAGE JOURNALS.

Dr. Jackson Gurung, teaching faculty (Chemistry), had following Collaborative publications in the 2022-23 session:

- Y. G. Devi, P. A. Koya & J. Gurung, "Research progress on the synthesis of different types of gemini surfactants with functionalized hydrophobic moiety and the space" in *ChemistrySelect* 2022, 7,
- J. Rozamliana, J. Gurung & P. A. Koya, "Interaction of metanil yellow dye with cationic surfactants: Conductometric and spectroscopic studies", in *Journal of Molecular Liquids*, 2022, 368, 120653.
- D. Saha, J. Gurung, B. Roy, A. K. Pulikkal, A. Bhowmik & S. Pattanayak, "Optimizing pyrolysis process parameters of plastic grocery bag, with mass-energy assessment and characterization of oil at optimal condition" in, *Clean Technologies and Environmental Policy*, 2022, 24 (6).
- J. Lalithlengliani, J. Gurung & A. K. Pulikkal, "Solubilization of aqueous-insoluble phenothiazine drug in TX-100 micellar solution and interactions of



cationic/anionic surfactants with phenothiazine-TX-100 system", in *Journal of Molecular Liquids*, 2022,

## **VI. Conferences/Seminars / Workshops**

- Dept of Botany organised One Day Hands-On Training Programme on Digital Herbarium
- Dept of Computer Sc/BCA organised One-Day Technical Workshop On 'Cyber Security and Machine Learning'
- A one-day workshop on 'Cyber Security and Machine Learning' was jointly organised by ISOEH Siliguri and Department of Computer Science and Application, North Bengal St Xavier's College, on the 11th of November, 2022 wherein Mr.Somdeb Chakraborty, Information security Analyst in the Indian School of Ethical Hacking was the resource person.
- Dept of Geography in collaboration with the Integrated Institute for Advance Research and Information (IIARI), organised a 3-day Workshop-Cum-Hands-on-Training Programme on Q-GIS: A Geospatial Technology' from 23rd -24th and 26th September, 2022.
- an Inter-College Quiz Competition consisting of 5 college on Geography on the 24th March, 2023 organised by Salesian College, Siliguri, The 1st runner-up or the 2nd position was taken by our college: North Bengal St. Xavier's College, Rajganj. Siliguri College was the second runner-up.
- Microbiology Dept. of North Bengal St. Xavier's College in association with MBSI (Microbiology Society of India) organized SCIENTIA: a fermented food display event along with an interdepartmental science quiz. The students of the 5th Semester and 3rd Semester under the guidance of their professors congregated to make this event a grand success. The event took place on the 26th of September, 2022.
- the Department of Microbiology, NBSXC, organised an IntraDepartmental seminar on the theme, "Global Science for Global well-being", which was the theme for National Science Day, 2023. Students from semester VI and semester IV were divided into seven groups (A to G) and were mentored
- Department of Sociology organised a Departmental Seminar on "Understanding the Youth Culture through Emerging Trends and Lifestyles: Its Impact and Challenges in the Contemporary Society" on the 19th September, 2022.
- The Department of Zoology, North Bengal St. Xavier's College organised a Webinar on the 25th of November, 2022 on 'Drug Discovery and Development'. A total of 58 students from all the semesters (1st, 2nd and 3rd semesters) and faculty members of the department attended the webinar. The speaker of the webinar was Dr. Srikanta Kumar Rath, Chief Scientist and principle investigator of Toxicology and Experimental Medicine Division at CSIR-Central Drug Research Institute, Lucknow, India.
- on 27th of February, 2023, the Department of Zoology of North Bengal St. Xavier's College, organised an Inter- departmental model and postermaking competition on the theme, 'Teohnology, Mankind & Nature'.



- e 9th of September, 2022, the Life Coaching & Wellness Cell organised a “One-Day Life Skills Training and Workshop”. The resource person was Dr. Prince C.P., Associate Professor, Salesian College, Siliguri.

### VII. Invited/ Special Lectures

- Depts of English again organised a Special Lecture on “Indian Cinema in the context of Ray Centenary”
- The department of History conducted a special lecture titled, ‘History of North Bengal’, on the 27th of September, 2022. The key speaker was Dr. Amrita Mandal, Professor of History, University of North Bengal.
- Dept of Pol Sc also conducted Special Lectures on the Indian Constitution under the title ‘Know Your Constitution’:
- On the 26th of September, 2022 Saturday, the Department of Political Science, North Bengal St. Xavier’s College, Rajganj, organised a special lecture on the topic, “Changing Role of Civil Services in India”. Dr. Ranjita Chakraborty, a renowned Professor of the Department of Political Science, University of North Bengal, was the esteemed speaker and resource person.
- Dept of Sociology organised Special Lecture on “AM I NOT MY FIRST ‘OTHER’?: Relooking at Edward Said’s Orientalism with a Difference.”
- Depts of English and Dept of Sociology jointly organised Special Lecture on ‘Shangr-La to kalimpong: the trans-cultural ‘patriotism’ of ma zhucai’
- 25th of July, 2022, the Life Coaching & Wellness Cell (NBSXC) organised a Special Lecture on “Mental Health-Awareness (Academic Stress)”. Attended by about 50 students and faculty members the lecture was delivered by Ms. Anuja Tamang, Asst. Professor (Psychology, NBSXC)
- On 10th of October, 2022, Dr. Pavanbir Kaur, the coordinator of the Life Coaching & Wellness Cell invited students to make videos on the topic, “Mental Health through Creativity” while organising a Special Lecture on “Wisdom from Across the World: Living a more meaningful life”.

### VIII. Other Important College/ Departmental Events and Activities

- Department of Commerce and Management hosted the 1<sup>st</sup> edition of the **Xavier Annual Management Convention (XAMCon)** on January 13 and 14, 2023, at Siliguri campus. Apart from both campuses of our college, Salesian College, Siliguri College, Insuperia College and ICFAI participated.
- An **industrial visit** was organised by the Department of Management (BBA), NBSXC, in collaboration with Young Indians Foundation, Siliguri for the students of BBA (H), on the 24th of September, 2022 to Gopal Dana LPG Factory- a manufacturing unit producing LPG cylinders that is located at Fulbari, Siliguri.
- On the 25th of November 2022, Dept of Political Sc organised **Youth Parliament** on ‘Recent Trends in Indian Politics’ by inviting different schools such as Techno India



Group Public School, Darjeeling Public School, DAV School and Royal Academy & Nirmala Convent School.

- Political Sc dept also organised **Poster-Making Competition** On 'National Integration
- A team from Dept of Geography Participated in **Inter-College Quiz Competition** on Geography, organised by Salesian College (Siliguri) and secured 2<sup>nd</sup> position.
- Dept of Zoology organised a **Panel Discussion** on "Future of Humans and Humans of Future: A Case Study of Evolutionary Blackout "wherein the speaker of was Dr. Tamal Mazumder, Zoology Dept.
- On the 25th of March 2023 Dept of Sociology organised **Reunion of its Alumni/alumnae- XAVIERA: REUNION OF A FAMILY'**

## IX. Events/Activities by clubs, Cells, & Committees

- On the 30th of August, 2022, YATC (Youth Against Trafficking Club) was formed with the student members of the Women's Cell in the NBSXC campus under the auspices of 'MARG' NGO. on the 24th of August, 2022, by the Women's Cell, NBSXC, where the college signed a Memorandum of Understanding (MoU) with 'MARG' (Mankind in Action for Rural Growth), an NGO from Darjeeling.
- A 'Two-day Mega Health Camp' was jointly organised by Women's Cell and Social Service Cell of North Bengal St. Xavier's College (NBSXC), Rajganj, with the support of Siliguri Lion's Club and Maharaja Agrasen Hospital, on the 10th and 11th of February, 2023 in collaboration with Maharaja Agrasen Hospital, Fulbari and Lions Club, Siliguri,
- Social Service Cell conducted social outreach program and anti human trafficking programme at Shikarpur Tea Garden.
- Women's Cell and AICUF (NBSXC) jointly organised an event to pre-celebrate International Women's Day on 4th March, 2023 at Shikarpur tea estate. The 4th of March is also observed as 'National Safety Day'.
- On Saturday, the 24th of September, 2022, the National Service Scheme (NSS) Cell, NBSXC, celebrated the NSS Day and organized a '*Swachhata Abhiyan*' campaign.
- On Monday, the 9th of January, 2023, the National Service Scheme (NSS) Cell organised a Blood Donation Camp. It was organized as part of 'National Youth Week' observation. A grand total of 55 units of blood were donated to the Jalpaiguri District Hospital Blood Bank.
- The National Service Scheme (NSS) unit of the North Bengal St. Xavier's College (Rajganj), in collaboration with The Nature & Trekkers' Club of Jalpaiguri, took an initiative and brought to the students an opportunity to explore the vivid aspects of nature through an encouraging trek to a historically significant location - Dalim Lepcha Fort. It is located at a distance of 90 kms from Kalimpong
- On the 17th of December, 2022, the members of the Social Service Cell of North Bengal St. Xavier's College visited the Shikarpur Tea Estate for a Pre-Christmas cele
- 10th of November, 2022, the Quiz and Debate Club, NBSXC organized an Inter-School Debate Competition. Five schools participated in the competition including BSF Senior



- secondary school, Nirmala Convent School, G.D. Goenka Public School, Birla Divya Jyoti School, Delhi Public School. We had Mr. Siddhartha Gupta, Senior Intelligence Officer Directorate of Revenue Intelligence, Govt. of India, as our judge.
- Over approximately 435 cadets appearing for the A/B/C certificate exams along with ANO's, CTO's and GCI's from all over the Darjeeling and Jalpaiguri district falling under the 4 Bengal Girls Battalion NCC-Siliguri, participated in the 8-days ( 13th Jan-20th Jan) CATC organized by the NCC Camp Commandant Major Reena Goswami at Marvella College, Fulbari
  - The 4 Bengal Girls BN NCC unit of NBSXC, Rajganj organised a small programme on the 13th of Aug 2022 in the college campus celebrating 75years of 'Azadi ka Amrit Mahotsav' is an initiative of Govt. of India to celebrate the 75th year of Independence.

### **X. Celebration of Important Days**

- Every year on July 28, World Nature Conservation Day is celebrated to raise awareness about protecting and restoring all the natural resources
- X-istence, the Nature Club of NBSXC, celebrated World Environment Day on the 6th of June, 2022, which was followed by tree plantation y administration staff and students.
- X-istence, the Nature Club of North Bengal St. Xavier's College, celebrated 'World Water Week, 2022' on the 23rd of August and on the 1st of September, 2022. The theme for the year was - "Seeing the Unseen: The Value of Water".

### **XI. Sports/Games Activities**

- NATIONAL SPORTS DAY on the 3rd of September, 2022, with great enthusiasm. Kho-Kho and Kabaddi were the momentous events for the day.
- Annual sports day, '**X-uberance**', on the 4th of February, 2023, on the college campus ground. The event commenced with the arrival of the Chief Guest, Ms. Anushka Dutta. Cadet national champion, Ms. Dutta is a South Asian Champion in Table Tennis and Indian open gold medalist in singles under 17NBSXC participated in various Inter-College Sports/games competitions: In football, badminton and Khokho the college team reached quarter final stage.
- After Cricket Inter-College Tournament, Samiyajeet Bose (2nd Year, Geography Hons.) was selected to represent North Bengal University Cricket Team for East Zone Cricket Tournament which was held in Orissa.
- College also organised Intra-College Tournament named Xavier Premier League Apart from all these, excursions were organised by various depts.

### **XII. Infrastructural Development & Future Plans**

Ground floor and First floor of the 3<sup>rd</sup> Block are nearing completion while new drainage were dug up to drain out water sipping into the basement so that it could be converted into something useful. Moreover, another 10 KV On-Grid Rooftop Solar Panels were installed.



In a first of its kind, through the college initiative, **Siliguri-Jalpaiguri Development Authority (SJDA)** is completing an alternative concrete road along the college wall. They will also repair and widen the existing approach road that is in quite bad shape. In recent months, state bus STOP too has been acquired while high mast is expected to be installed. Thanks to the relentless efforts of **Mr Prasun Banerjee** (Dept of English) & **Public Relations Officer** of the college, these works were made possible and some more Govt projects will be tapped.

### **XIII. Way Forward**

We thank the Almighty God for all the blessings bestowed upon us year after year, especially during the academic year 2022-23. Our eyes are now gazing towards the next year when the college enters into 17<sup>th</sup> years of its existence. With the introduction of new **National Education Policy (NEP)-2020** from academic session 2023-24, the education system across India and West Bengal in particular is expected to witness significant changes whether that will bring more challenges or may prove to be a beacon of hope, only time will tell. Be that as it may, in coming days and months, we look forward to embracing those changes, navigating decisions with a steady hand, and focusing on our strengths. It's all part of our commitment to transform the way education is imparted while bringing innovative ways of teaching and learning. Let us continue our march towards unknown future and achieve the goals set before us.

Thank you and God bless youall!



Rev. Dr. Lalit P. Tirkey, SJ

Principal

