



সমানো মন্ত: সমিতি: সমানী

University of North Bengal

**ANNUAL
REPORT**

2020-2021

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**Raja Rammohunpur
Dist. - Darjeeling
PIN - 734013**

ANNUAL REPORT

2020 – 2021



UNIVERSITY OF NORTH BENGAL

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“It is my hope that this University, situated in the foothills of the ancient Himalayas, will evolve into a centre of national integration for all the peoples of different ethnic origins who live in these districts – the people of the hills and the plains including the tribal people. May this University as it grows and prospers produce not merely scholars equipped with academic qualifications but young men and women poignantly conscious of and eager to fulfil their social responsibilities so that they may become valuable citizens of this great country to which we all have the ineffable honour of belonging.”

- Smt. Padmaja Naidu, Hon’ble Governor of West Bengal and Chancellor, NBU
(Convocation speech, 31st October, 1965, NBU)

“This University also represents the new Bengal and the new India. You are located in a most strategic area-in the narrow corridor which links the North Eastern region with the rest of the country. You are in a position of vantage to study the country's external relation in the context of our immediate neighbour-sub-Himalayan, Trans Himalayan and to the South-East Pakistan. I would welcome specialisation in area studies of this kind-the historical, political and economic situation and cultural mood of these neighbouring territories.”

- Smt. Indira Gandhi, Hon'ble Prime Minister of India
(Convocation speech, 10th October, 1966, NBU)

FOREWORD

Established in 1962 and located in the lap of Himalayas, the University of North Bengal is providing an affable space of higher education for last six decades. Since its inception, the University has grown steadily, and today it is offering education and research through thirty-four Departments to meet the growing needs of this region. In addition, fifty numbers of affiliated colleges in six districts of the state are extending undergraduate studies to more than one lakh students. Over the time, the University has become most preferred choice of the students of this region who are aspiring higher education in the different fields of science and humanities.



The year 2020 – 2021 has been frightening for the entire world as deadly COVID 19 wreaked havoc in everyone's life. Among the major impacted areas, the pandemic affected all levels of educational systems across the world. In our country too, physical classes could not be undertaken for most part of the year in compliance with the government health advisory.

During this tiring period, the educational institutions had only choice to adopt e-learning. Our University has also quickly adopted the technology driven teaching-learning process and ensured regular classes for the students. Overall, despite the hit of pandemic, the University has done commendable work to continue dissemination of knowledge.

I am glad to present the Annual Report of the University of North Bengal for the year 2020 – 2021. This issue of the report showcases the educational, administrative and research activities of the University during the pandemic, as well as the facilities being provided to the students and scholars to ensure quality education and a worry-free campus life.

I take this opportunity to thank the Office of the Development Officer for its efforts in bringing this edition of the Annual Report. I would also like to place on record my sincere appreciation to the faculty members, officials, staff, students and researchers of the University for their efforts during the year which is reflected in this report.

Finally, I would like to thank the members of the Apex Bodies of the University; the Court, the Executive Council and the Faculty Councils, for their support and encouragement in order to make the University a human resource base for uplifting the social and economic status of the state as a whole and the region in particular.

I hope the readers will find the Report both informative and useful.

Best Regards,

Prof. Om Prakash Mishra
Vice-Chancellor

From the Desk of Development Officer

The Annual Report is an important exercise to record and assess the yearly activities and performance of the University and also to plan accordingly for the future in order to meet the desired goal of providing quality and affordable education for all. This is also a public disclosure of University's activities, achievement as well as financial statistics.

Annual Report 2020 – 21 showcases the organizational structure along with admission statistics, academic programs, research focus and achievements of the University. It also portrays financial statement of the year, services provided as well as facilities available. Photographs of the campus and few central facilities of the University have been added in this version of the Annual Report to enable the readers a virtual tour through the campus.

All the Departments, Centres, Offices and Units of the University have submitted detailed information and relevant statistics for the year. In spite of the 'New Normal' in the teaching-learning process, the Academic Departments of the University have done commendable work in the area of research and publication. My office has captured the academic and research outcomes of the University as well as administrative activities carried out during the year. I extend my sincere thanks to the Heads of all Academic and Administrative Departments of the University for their support.

I am also thankful to the Hon'ble Vice-Chancellor and Registrar for their continuous encouragement in reshaping the Annual Report format. I am also thankful to the Superintendent of the University Press and his staff for extending full cooperation in publishing this report.

Finally, last but not the least, I am thankful to my office colleagues for their tireless efforts to bring this issue of Annual Report. Although utmost care has been taken during compilation and editing works, I would like to apologize in advance, if some errors still exist.

I hope that the Annual Report 2020 – 21 is able to represent the academic culture and activities of the University to its readers. Suggestions are also welcome from the University stakeholders for further improvement of the future reports.

Palash Paul
Development Officer

VICE-CHANCELLORS OF THE UNIVERSITY

- | | |
|--|---|
| 1. Professor B.N. Dasgupta | 1st June, 1962 to 31st May, 1966 |
| 2. Professor A. C. Roy | 1st June, 1966 to 31st May, 1970 |
| 3. Professor P. C. Mukherjee | 1st June, 1970 to 7th November, 1974 |
| 4. Professor A. Dutta | 8th Nov., 1974 to 18th April, 1977 |
| 5. Professor P. K. Ghosh | 21st Nov., 1977 to 18th April, 1982 |
| 6. Professor S. N. Sen (Acting) | 19th April, 1982 to 9th Sept., 1982 |
| 7. Professor D. B. Dutta | 15th Sept., 1982 to 31st August, 1988 |
| 8. Professor K.N. Chatterjee | 1st Sept., 1988 to 31st Dec., 1995 |
| 9. Professor R. G. Mukherjee | 1st Jan., 1996 to 31st Dec., 1999 |
| 10. Professor P. K. Saha | 1st Jan., 2000 to 31st Dec, 2007 |
| 11. Professor A. Basumajumdar | 1st Jan., 2008 to 31st March, 2012 |
| 12. Professor Samir Kumar Das | 1st April., 2012 to 10th February, 2014 |
| 13. Professor Somnath Ghosh | 11th February, 2014 to 10th February, 2018 |
| 14. Professor Subires Bhattacharyya | 22nd February, 2018 continue.. |

ABBREVIATIONS

ACL	Arts, Commerce and Law
AICTE	All India Council for Technical Education
API	Academic Performance Index
AQAR	Annual Quality Assurance Report
BA	Bachelor of Arts
B. Pharm	Bachelor of Pharmacy
B. Sc.	Bachelor of Science
B. Tech	Bachelor of Technology
BET	Biotechnology Eligibility Test
BLIS	Bachelor of Library and Information Science
BSR	Basic Scientific Research
CACE	Centre for Adult Continuing Education
CAS	Career Advancement Scheme
CBCS	Choice Based Credit System
CIRM	Centre for Information & Resource Management
COVID	Coronavirus Disease
CRSI	Chemical Research Society of India
CSIR	Council of Scientific and Industrial Research
DBT	Department of Biotechnology
DRDO	Defence Research and Development Organisation
DRS	Departmental Research Support
DST	Department of Science & Technology
DSTBT	Department of Science & Technology and Biotechnology
FIST	Fund for Improvement of S&T Infrastructure
FRSC	Fellow of the Royal Society of Chemistry
Gen	General Category
GIS	Geographic information System
GoI	Government of India
GoWB	Government of West Bengal

HRDC	Human Resource Development Centre
ICAR	Indian Council for Agricultural Research
ICMR	Indian Council of Medical Research
ICPR	Indian Council of Philosophical Research
IEC	Information, Education and Communication
IIIT	Indian Institute of Information Technology
IIT	Indian Institute of Technology
INSPIRE	Innovation in Science Pursuit for Inspired Research
IQAC	Internal Quality Assurance Cell
ISBN	International Standard Book Number
ISSN	International Standard Serial Number
JRF	Junior Research Fellowship
LLB	Bachelor of Laws
LLM	Master of Laws
M. Com	Master of Commerce
M. Pharm	Master of Pharmacy
M. Tech	Master of Technology
MA	Master of Arts
MANF	Maulana Azad National Fellowship for Minority Students
MBA	Master of Business Administration
MCA	Master of Computer Applications
MLIS	Master of Library and Information Science
MPhil	Master of Philosophy
MSc	Master of Science
NAAC	National Assessment and Accreditation Council
NBHM	National Board for Higher Mathematics
NBU	University of North Bengal
NET	National Eligibility Test
NFED	National Foundation for Entrepreneurship Development
NFOBC	National Fellowship for Other Backward Classes
NFSC	National Fellowship for Scheduled Caste

NIRF	National Institute Ranking Framework
NSS	National Service Scheme
NTRF	National Tea Research Foundation
OBC	Other Backward Classes
OP	Orientation Program
PG	Post Graduate
PGDBI	Post Graduate Diploma in Bioinformatics
PGDTM	Post Graduate Diploma in Tea Management
PhD	Doctor of Philosophy
PI	Principal Investigator
PURSE	Promotion of University Research and Scientific Excellence
RC	Refresher Course
RGNF	Rajiv Gandhi National Fellowship
RUSA	Rashtriya Uchchatar Shiksha Abhiyan
SACT	State Aided College Teacher
SAP	Special Assistance Program
SC	Scheduled Caste
SEM	Scanning Electron Microscope
SERB	Science & Engineering Research Board
SRF	Senior Research Fellowship
ST	Scheduled Tribe
SVMCM	Swami Vivekananda Merit-cum-Means Scholarship
UG	Under Graduate
UGC	University Grants Commission
UPSC	Union Public Service Commission
USIC	University Science Instrumentation Centre
WBCSC	West Bengal College Service Commission
WBPCB	West Bengal Pollution Control Board
WBPSC	West Bengal Public Service Commission

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HIGHLIGHTS

CAMPUS AT A GLANCE



Campus Map



Statue of Raja Ram Mohan Roy



Campus Road



Green Campus



Rubber Plantation



Sal Forest



Administrative Building



University Library



Akshaya Kumar Maitreya Heritage Museum



Health Centre



University Science Instrumentation Centre



Centre for Information & Resource Management (Erstwhile Computer Centre)



Indoor Sports Facility (Khela Ghar)



Sports Ground



Rabindra – Bhanu Manch (Auditorium)



Students' Canteen



Girls' Hostel



Boys' Hostel

Photo Curtsey: Amit Dey, Office of the Development Officer

RESEARCH INFRASTRUCTURE

Few of the sophisticated scientific instruments available in the University is given hereunder –

Cyclic Voltammetry:

The cyclic voltammetry is used to gain the following information -

- whether a species is redox active;
- whether, and under what conditions, a species undergoes reversible or irreversible electron transfer and
- number of electrons involved in an electron transfer process



Fluorimeter:

Fluorimeter is used to measure parameters of visible spectrum photoluminescence: its intensity and wavelength distribution of photoluminescence spectrum after excitation by a certain spectrum of light. These parameters are used to identify the presence and the amount of specific molecules in a medium.



Fluorescence Microscope:

The Fluorescence Microscope is used for Single Cell Gel Electrophoresis.



Fourier-transform Infrared Spectroscopy:

The FTIR is used to -

- Identify a chemical
- Identify chemical interactions between the functional groups of the components



Global Positioning System:

The GPS is used to -

- Spatial information
- Altitude (amsl)
- Resource Mapping



High Performance Computing (HPC) Cluster System:

The high performance computing cluster with 20 head nodes and 20 computing nodes at NBU is centrally used for high-end research works including simulations, sequence DNA, artificial intelligence (AI) algorithms, etc.



Inverted Phase Contrast Microscope:

The Live Cell Imaging Technology is carried out by Inverted Phase Contrast Microscope and is used to observe the changes in the shapes, sizes, and structure during the growth of the cells under controlled condition in time dependent manner with or without dye/staining.



High-Performance Thin-Layer Chromatography:

The HPTLC is used for -

- HPTLC Fingerprint of botanical origin samples in a photographic form.
- Identification and quantification of marker compounds in sample.



Kjeldahl Apparatus:

Kjeldahl Nitrogen Determination Digestion and Distillation Apparatus



Liquid Nitrogen Plant:

Liquid Nitrogen is used in many applications because of its very low temperature and low reactivity. Some of the common applications are:

- Serves as a source of an extremely dry gas
- Freezing and transporting of food products
- Cooling of superconductors
- Protects materials from oxidization.
- The shielding of materials from oxygen exposure



Mirror Stereoscope:

The Mirror Stereoscope is used for –

- Identification and mapping of physical and cultural features
- Determination of object height
- Delineation of Reservoir boundary
- Delineation of new Road and Railway tract.



Nuclear Magnetic Resonance (NMR) Spectrometer:

The Nuclear Magnetic Resonance (NMR) spectroscopy is arguably the most valuable technique, with its applications ranging from medicinal, agricultural, forensic science to structural chemistry and biology, from food technology, biomedical imaging to material science i.e. a wide spectrum of applicability.



Scanning Electron Microscope

SEM is used in a variety of research applications, like

- Study of the surface morphology of a material
- Quality control and failure analysis.
- Investigations into nanotubes and nanofibers, high temperature superconductors, mesoporous architectures and alloy strength
- Comparing blood and tissue samples in determining the cause of illness and measuring the effects of treatments on patients



UV-VIS Spectrophotometer:

UV-VIS Spectrophotometer is used to analyse bacterial culture, Protein, Enzyme Kinetics, Beverage, Pharmaceutical, Nucleic Acid detection and estimation etc.



AWARDS AND RECOGNITIONS



Prof. Rathin Bandopadhyay, Department of Law has received prestigious Siksharatna Award 2020 from the Govt. of West Bengal on 5th September, 2020



Prof. Kantilal Das, Department of Philosophy has received prestigious Siksharatna Award 2020 from the Govt. of West Bengal on 5th September, 2020



This is to certify that

Dr. Bikash Chandra Paul

*has been elected a Fellow of the
Royal Astronomical Society*

and is entitled to use the designatory letters FRAS

President

A handwritten signature in blue ink, likely of the President of the Royal Astronomical Society.

Date of Election

9 Oct 2020

Membership Number

10533

Incorporated by Royal Charter 1831 • Registered Charity no. 239545



Prof. Bikash Chandra Paul, Department of Physics has received Fellow of Royal Astronomical Society (FRAS) London, UK on 9th October, 2020

EXECUTIVE SUMMARY OF THE REPORT

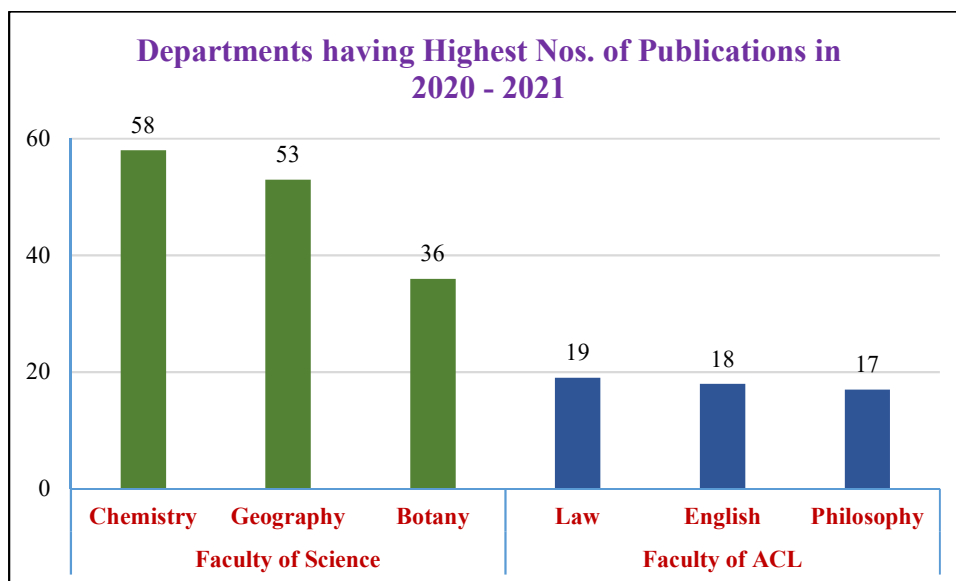
The University of North Bengal was established in 1962 with an objective of imparting higher education and research to the people of the northern part of West Bengal. Over the time, the University has grown in its dimension and has become preferred educational institution in this part of the country. Through its glorious journey of 60 years in providing quality but affordable education for inclusive intellectual growth of the region, the University has made judicious expansion in advanced, non-conventional, applied and job-oriented fields keeping the quality of education at par with global standards.

The financial year 2020 – 21 has been very tough for the entire world as every nation has been impacted by COVID 19 virus, making it a true pandemic disease. To contain the spread of the diseases measures like lockdown, social distancing, etc. have been implemented, which affected the normal education system in the entire world. As a result, new system of teaching-learning has been evolved where virtual classes, meetings, seminars & conferences have been held.

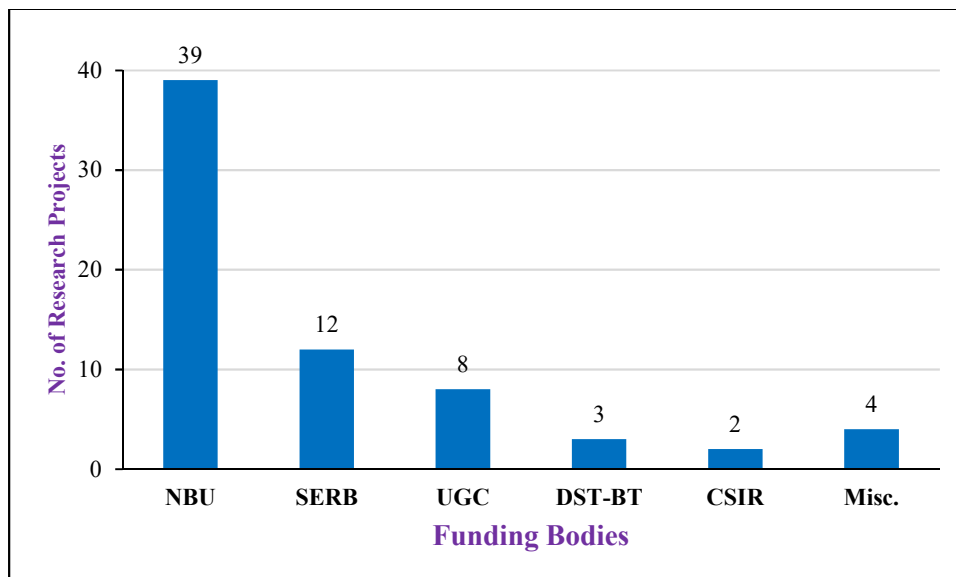
In order to continue the teaching-learning process, the University of North Bengal has been prompt in adopting new techniques of knowledge dissemination. Despite of all the bottlenecks arisen out of COVID 19, the activities of the University has still been eventful in 2020 – 21. The major events of the Annual Report 2020 – 21 are highlighted below –

- The University has thirty-two Academic Departments and two Centers covering all the major courses in Science, Arts, Commerce, Law and Management
- In addition to the research activities carried out by the academic Departments, five additional and dedicated Research Centers carry out innovative research in the field of expertise
- A total of ninety-three courses are being offered presently by the University –
 - UG 4 courses
 - PG 35 courses
 - M. Phil 22 courses
 - Ph. D. 30 courses
 - Diploma 2 courses
- The University also extends nine courses through Open and Distance Learning mode
- Fifty number of colleges from six different districts of North Bengal are presently affiliated under the University and offer forty-nine courses.
- The strength of existing students in the affiliated colleges is 1,10,837, which is 1.3% higher than total number of students studied in 2019-20.

- A total of 48,176 students have been taken admission in the affiliated colleges in 2020 – 21 out of which 54% are female and 46% are male.
- There have been 582 students in all semesters of UG courses run by the University with a male female ratio of 47:53
- A total of 1731 number of students have taken admission in various Departments of the university in PG level in 2020 - 21, including 468 number of students in Science and 1263 number of students in Arts, Commerce and Law (ACL)
- The male to female ratios of newly admitted students are 46:54 and 35:65 in science and ACL respectively
- Out of total 3000 students studying in PG (Semester I and Semester III) in 2020 - 21, 1897 students belong to reserved category
- A total of 40 students have enrolled for Ph. D. programs in various Departments of the University; 19 under Faculty of Science and 21 under Faculty of Arts, Commerce and Law
- A total of 50 seminars/conferences/webinars/workshops/special lectures have been organized by the University for knowledge dissemination
- Teachers of the University have presented papers and/or delivered invited lectures and or participated in conference/seminar/webinar in 359 occasions.
- Research scholars have participated in conference/seminar/webinar in 182 occasions
- 452 numbers of research publications in journals/books have been made by the University in 2020 – 21. Out of total publications, the top three performing Departments with number of publications separately for Faculty of Science and Faculty of ACL are given below –



- 68 numbers of research projects have been undertaken by various Departments of the University. The funding body of such projects are given below –



- Prof. Rathin Bandopadhyay, Department of Law and Prof. Kantilal Das, Department of Philosophy have received prestigious Siksha Ratna Award 2020 from the Department of Higher Education, Govt. of West Bengal
- UGC-HRD, NBU has conducted 8 Nos. of Refresher Courses, and 3 Nos. of Short-term Courses and 4 Nos. of Faculty Induction Programs
- CIRM has provided seamless IT, networking and related technical services to continue virtual teaching-learning process
- The Engineering Branch has handled a total of 16 construction/face-lifting projects amounting about Rs. 27.4 crore
- Office of the Development Officer has processed 267 numbers of fellowships for the research scholars
- The Health Centre has provided special assistance, including Safe Home, Nursing, Oxygen, etc. to combat COVID infection in addition to its regular duties
- The Estate Division Branch, Sanitary Section and Watch & Ward have served the University during the pandemic for maintaining cleanliness, hygiene and safety & security of the campus

CHAPTER – I
ADMINISTRATIVE PROFILE

A. General Information

About the University

The University of North Bengal was established by an Act of the Legislature of West Bengal in 1962 with the mission “*to encourage and provide for instruction for teaching, training and research in various branches of learning and course of study; to promote advancement and dissemination of knowledge and learning and to extend higher education to meet the growing needs of society.*”

Situated at the foothills of high Himalaya and in close proximity of vast plains, the University, since its inception in 1962, has been fulfilling the objectives of imparting higher education and research to the people of this socio-economically backward area of the country. With the global advancement and requirements in the arena of higher education and research, the University has shouldered the responsibility of dissemination of knowledge by judicious expansion of its role in advanced, non-conventional, applied and job-oriented fields keeping the quality of education at par with global standards at low cost.

To extend the University services to the people for easy access to higher education, the University has three campuses; main campus, Jalpaiguri campus and Kolkata campus. The main campus of the University at Raja Rammohunpur covers an area of nearly 315.99 acres with lush green nature all around the administrative and academic Departments. The pollution free atmosphere in addition to the state-of-the-art facilities in the University provide one of the best educational infrastructure in this part of the country. Fascinating glimpse of the Kanchenjunga peak from the campus along with in-campus tea gardens and forest are treat to the eyes of the visitors.

The University is the house for thirty-four academic Departments and six research Centers covering all the major courses in Science, Arts, Commerce, Law and Management. A total of ninety-four courses are being offered presently by the University covering UG, PG, M. Phil, Ph. D and Diploma courses. Fifty number of colleges from six different districts of North Bengal are presently affiliated under the University and offer forty-nine courses. The University also extends nine courses through Open and Distance Learning mode.

In order to widen the dimension and scope of Higher Education and Research through modern studies and to extend easier access to higher education by the people of Jalpaiguri region, the Jalpaiguri campus of the University was opened in 2013. The Jalpaiguri campus of the University has a sprawling campus spread over 36 acres of land at Jalpaiguri. At present there are three buildings at the Jalpaiguri campus i.e. Science building, Arts building and Technology building. There are four Departments offering post graduate program in Bengali, English, Sanskrit and Geography & Applied Geography.

The University has also a campus in Salt Lake, Kolkata having G-4 buildings and it is the principal liaison office of the Vice-Chancellor. The Kolkata campus has arrangement of Meetings Rooms, Interview Rooms and Conference Rooms along Guest House facilities. In view of the fact that the

location of North Bengal University is nearly 600 km off Kolkata, this Guest House cum Administrative campus immensely helps the stakeholders of the University. As a part of fraternal support services, this campus also supports the newly upcoming universities by lending some parts of the infrastructures of Kolkata office in the interest of higher education of West Bengal in general and North Bengal Region in particular.

Distinctiveness

In the year of inception, University of North Bengal was the only University which affiliated all the colleges in the northern districts of West Bengal, including Jalpaiguri Engineering College and North Bengal Medical College. The colleges of the state of Sikkim were also affiliated to the University of North Bengal. With time, the number of affiliated colleges were gradually reduced with establishment of more universities in North Bengal and Sikkim.

Even though the spread of the University has been shrunk over time, the University still retained its distinctiveness in accommodating the ethno-cultural and geospatial uniqueness of the region. The University has the highest number of Scheduled Tribe (ST) students in the region drawn both from the hills and the plains reflecting wide ethno-cultural diversity. This diversity is encouraged and nurtured through one of a kind Museum, the A.K.M.H. Museum which had a humble beginning in 1965, and can now legitimately take pride in its substantial collection of stone and metal images, terracotta works, coins, manuscripts etc. Major portion of such collections belong to the period between 8th Century and 12th Century through even older pieces are also in the possession of the Museum. The Museum at present has emerged as one of the favored destinations of scholars, researchers and students, even from foreign countries.

Apart from ethno-cultural distinctiveness, few unique courses are also run by the University for preservation and promotion of regional resources. The Centre for Studies in Local Languages and Cultures of the University has made significant service to the promotion and preservation of cultural heritage of the region. The geospatial uniqueness is captured through the Department of Tea Science offering M. Sc. in Tea Science in collaboration with the Tea Board of India. Darjeeling is globally famous for tea and this Department is the only of its kind in India. The location of this University is in a region which shares borders with Bangladesh, Bhutan and Nepal, and China is not distant. Keeping this geostrategic aspect in attention the Center for Himalayan Studies undertakes research in the eastern Himalayan region and offers programs in Strategic Studies.

Vision and Mission

Vision

- To encourage and provide a congenial space of higher education, in particular to the socially and economically backward students, in the form of instruction, teaching, training

and research in various branches of knowledge and to meet the growing needs of this region as the highest temple of learning.

- To commit to foster education on the basis of democratic values and ethos.
- With the passage of time along with its enriched capacity structure as a competitive University of national repute, University of North Bengal envisions a global centered education system with a commitment to be a part of knowledge society and to provide quality based education to all.

Mission

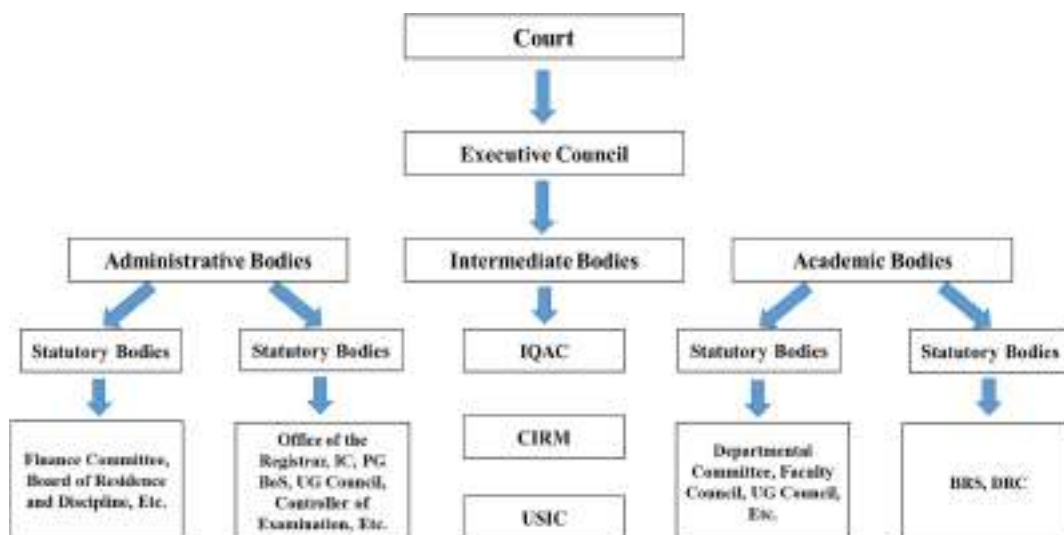
- To establish a large, well-resourced vibrant multi-disciplinary teaching and research institutions by way of collaboration of teachers, research scholars, students, academic administrators and employees.
- To enrich a strong educational communities and to play a catalytic role to provide high quality education in this disadvantageous geography.
- The University envisages a broad based liberal post graduate education with rigorous specialization in chosen disciplines and to provide optimal learning environment students support services.
- To develop capable faculty and students who shall be energized and engaged so that they can become hearts of higher education in the region. The University is committed to make all its stakeholders as drivers of demand driven educational changes in national and international field.
- Finally, the University seeks to inculcate environmental awareness and sense of urgency of conservation of nature creating pollution free green campus by encouraging sustainable practices.

B. Governance

Governance Organogram

The University has a participative administrative structure with decentralization and strong leadership geared to accomplish excellence in teaching and learning environment, research and extension, and social outreach. The participatory management structure is reflected in the composition of its statutory bodies, the University Court, Executive Council, Faculty Councils for Science and Arts, Commerce and Law, UG Council, Finance Committee, Departmental Committees, Library Committee, Board of Residence and Discipline, Board of Health and Students' Welfare, the Governing Bodies of affiliated colleges, all of which include representatives of concerned stakeholders. There are functional non-statutory bodies like Board of Research Studies, Departmental Research Committees, Internal Quality Assurance Cell (IQAC), and so on. All research proposals approved by the DRCs are registered through the Boards of Research Studies. Direct recruitment of teachers and CAS of teachers, officers and non-teaching staff are overseen by the IQAC, which also is responsible for undertaking quality initiatives for overall academic and administrative excellence of the University.

The statutory bodies are properly linked with one another. The Departmental Committees send members to UG and PG Boards of Studies which formulate curricula and recommend panels of paper setters, examiners, moderators, etc. All curricula formulated by the UG Boards of Studies and PG Boards of Studies are considered and approved by the respective Councils; UG and PG. The minutes and proceedings of the UG and PG Boards of Studies as well as the Boards of Research Studies are considered and approved by the Executive Council. All Diplomas, UG, PG, Ph. D., D. Lit. and D. Sc. are conferred by the highest body of the University, the Court.



Governance Organogram

Administrative decentralization and participatory management is incomplete without financial devolution. The finance rules of the University allow financial sanctioning power to all heads of

the Department up to Rs. 10,000 per day, and with a committee resolution, Rs. 20,000 per day. All expenditure by a particular body must be according to the annual budgetary allocation, which is formulated on the basis of budget proposals through budget meeting duly approved by the Executive Council and the Court. The annual accounts are audited both internally and by the external statutory audit bodies.

Various bodies and facilities cater to the needs of the University community, teachers, officers, staff, and other stakeholders. There are the University's Sports Board, Health Centre, Watch and Ward Office, Office of the Engineer, Estate Office, and so on, to fulfil various responsibilities towards and social needs of the stakeholders. All these operate following rules framed by the Executive Council and under the direct command and supervision of the Vice-Chancellor.

The Establishment Section of the Office of the Registrar manages students' registration data and facilitates scholarships, fellowships, etc. The Office of the Registrar is the nodal office of the University for all service records of the employees and the certifying authority for the members of the University community.

The Board of Residence supervises the records of the hostel inmates. Other facilities like ICC, Anti-Ragging Cell and Counselling Centre cater to the security and wellbeing of the learners.

Chancellor

As required under section 8(1) of the North Bengal University Act, the Governor, by virtue of his office, is the Chancellor of the University. Shri Jagdeep Dhankhar, Governor of West Bengal has been holding the Office of the Chancellor of the University since 30th July, 2019.

Vice-Chancellor:

Professor (Dr.) Subires Bhattacharyya joined his Office as Vice-Chancellor of University of North Bengal on 22nd February, 2018 and is continuing his office.

Deans:

Faculty Council for P.G. Studies in Science

Prof. Bikash Chandra Paul joined his office as Dean of the Faculty of Science with effect from 19.07.2017 and continued till 22.02.2021. Prof. (Dr.) Subhas Ch. Roy joined as Dean of the Faculty of Science on 23.02.2021 and is continuing his office.

Faculty Council for P.G. Studies in Arts, Commerce & Law

Prof. Sanchari Roy Mukherjee joined her office as Dean of the Faculty of Arts, Commerce & Law with effect from 19.07.2017 and is continued till 22.02.2021. Prof. Rathin Bandopadhyay joined as Dean of the Faculty of Arts, Commerce & Law on 23.02.2021 and is continuing his office

C. Apex Bodies and Members

The Court

The Court is the apex body of the University and has the following powers and functions:

- To review from time to time, the broad policies and programs of the University and to suggest measures for the improvement and development of the University.
- To consider and pass resolutions on the annual report, audit reports and the annual accounts of the University.
- To perform such other functions as may be prescribed by the Statues.

The list of the Court members is given below –

- | | | | |
|---------|--|---------|--|
| i | The Chancellor
University of North Bengal
Raj Bhavan, Kolkata | ii | Dr. Subires Bhattacharyya
Vice Chancellor
University of North Bengal |
| iii (a) | Prof. Bikash Chandra Paul
Dean, Faculty Council for PG Studies in
Science
Department of Physics
University of North Bengal | iii (b) | Prof. Sanchari Roy Mukherjee
Dean, Faculty Council for PG Studies
in Arts, Commerce & Law
Department of Economics
University of North Bengal |

Nominee of Higher Education Department, WB

- | | | | |
|------|--|-----|--|
| iv | Shri Siladitya Basu Ray, WBCS (Exe.)
Special Secretary
Higher Education Department
Bikash Bhavan, Kolkata- 91 | v | The Principal Secretary
Department of Finance
Govt. of West Bengal
NABANNA, Shibpur
Howrah-711102 |
| vi | Chairman,
West Bengal State Council of Higher
Education
147-A Rashbehari Avenue, Kolkata - 29 | vii | President
West Bengal Council for Higher
Secondary Education
Vidyasagar Bhaban, Block-DJ,
Sector-II, Salt Lake, Kolkata-91 |
| viii | President
West Bengal Board of Madrasah Education
Begum Rokaiya Bhaban
19, Haji Md. Mahasin Square, | ix | President
West Bengal Board of Secondary
Education
77/2 Park Street, Kolkata-700016 |

Kolkata-700016

- ix The Director of Public Instruction
Govt. of West Bengal
Education Directorate
Bikash Bhavan, Salt Lake, Kolkata - 91

Nominee of UGC

- xi Dr. Mrs. Paula Banerjee
Department of South & South Asian Studies
Calcutta University
Kolkata-700027

- xii Chairman,
National Council for Teachers' Education
G-7, Sector-10, Dwarka, Delhi-110075

- xiii Chairman
West Bengal College Service Commission
Purta Bhavan, DF Block, 3rd Floor
Salt Lake City, Kolkata - 700091

- xiv (a) The Head,
Department of Anthropology
University of North Bengal

- xiv (b) The Head,
Department of Bengali
University of North Bengal

- xiv (c) The Head,
Department of Bio-technology
University of North Bengal

- xiv (d) The Head,
Department of Botany
University of North Bengal

- xiv (e) The Head,
Department of Chemistry
University of North Bengal

- xiv (f) The Head,
Department of Commerce
University of North Bengal

- xiv (g) The Head,
Department of Computer Science &
Application
University of North Bengal

- xiv (h) The Head,
Department of Economics
University of North Bengal

xiv (i)	The Head, Department of English University of North Bengal	xiv (j)	The Head, Department of Geography & Applied Geography University of North Bengal
xiv (k)	The Head, Department of Hindi University of North Bengal	xiv (l)	The Head, Department of History University of North Bengal
xiv (m)	The Head, Department of Law University of North Bengal	xiv (n)	The Head, Department of Library & Information Science University of North Bengal
xiv (o)	The Head, Department of Life Long Learning & Extension University of North Bengal	xiv (p)	The Head, Department of Management University of North Bengal
xiv (q)	The Head, Department of Mass Communication University of North Bengal	xiv (r)	The Head, Department of Mathematics University of North Bengal
xiv (s)	The Head, Department of Microbiology University of North Bengal	xiv (t)	The Head, Department of Nepali University of North Bengal
xiv (u)	The Head, Department of Philosophy University of North Bengal	xiv (v)	The Head, Department of Physics University of North Bengal
xiv (w)	The Head, Department of Political Science University of North Bengal	xiv (x)	The Head, Department of Sociology University of North Bengal
xiv (y)	The Head, Department of Zoology University of North Bengal	xiv (z)	The Head, Department of Tea Science University of North Bengal

xiv (aa) The Head,
Department of Education
University of North Bengal

xiv (ab) The Head,
Department of Food Technology
University of North Bengal

xiv (ac) The Head,
Department of Pharmaceutical
University of North Bengal

xiv (ad) The Head,
Department of Geology
University of North Bengal

xiv (ae) The Head,
Department of Sanskrit
University of North Bengal

xiv (af) The Head,
Department of Bio-informatics
University of North Bengal

Five Senior-most Professor of the University

xv (a) Prof. Subir Sarkar
Department of Geography &
Applied Geography

xv (b) Prof. Bijoy Kr. Sarkar
Department of History

xv (c) Prof. Gangotri Chakraborty
Department of Law

xv (d) Prof. Suparna De Sarkar
Department of Mathematics

xv (e) Prof. Ghanshyam Nepal
Department of Nepali

Principal of Affiliated Colleges

xvi (a) Principal
University B.T. & Evening College
P.O & Dist - Cooch Behar

xvi (b) Principal
Indian Institute of Legal Studies
P.O- Salbari, Dist- Darjeeling

xvi (c) Vacant

xvi (d) Principal
South Field College
Dist- Darjeeling

xvi (e) Principal
APC Roy Govt. College
Dist- Darjeeling

xvi (f) Principal
Nakshalbari College
Dist- Darjeeling

xvi (g) Principal
P.D. Women's College
P.O & Dist- Jalpaiguri

xvi (h) Principal
Siliguri College
Dist.- Darjeeling

xvi (i) Principal
A.C. College
P.O & Dist- Jalpaiguri,

xvi (j) Principal
Maynaguri College
Dist – Jalpaiguri

Five Teachers of UG Council

xvii Vacant

One Representative of Officer

xviii Vacant

Two Representatives of Non-Teaching Employees

xix Vacant

Chancellor's Nominee

xx (a) Prof. Col. Dr. Ranajit Sen,
58/24, Prince Anwar Shah Road,
Lake Gardens, Kolkata-700045

xx (b) Prof. Dipak Kr. Kar,
Vice-Chancellor
Sidho Kanho Birsha University
Dist- Purulia,

xx (c) Prof. Swagata Sen
Vice-Chancellor
Gour Banga University
Dist – Malda

xx (d) Dr. Mrs. Philomena Richards,
Professor & Head of Department of
Sociology,
Christ Church P.G. College
Kanpur -208013, UP

xx (e) Prof. Alok K. Srivastava,
Department of Chemistry,
Allahabad University

Special Invitee

xxi Vacant

The Executive Council (EC)

The Executive Council (EC) is the principal executive body of the University and has the power of management and administration of the revenue and property of the University and the conduct of all administrative affairs of the University.

The list of members of the Executive Council is –

- | | | | |
|-----|--|----|---|
| i | Dr. Subires Bhattacharyya
Vice- Chancellor
University of North Bengal | ii | Shri. Siladitya Basu Ray WBCS (Exe.)
Special Secretary
Higher Education Department
Bikash Bhavan, 6 th floor
Bidhan Nagar, Kolkata- 91 |
| iii | The Principal Secretary
Department of Finance
Govt. of West Bengal
Nabanna, 325, Sarat Chatterjee Road
Howrah – 711102 | iv | Chairman,
West Bengal State Council of Higher
Education
147-A Rashbehari Avenue
Kolkata - 700029 |
| v | The Director of Public Instruction
Education Directorate
Govt. of West Bengal
Bikash Bhawan
Salt Lake, Kolkata- 91 | vi | Prof. Bikash Chandra Paul
Dean, Faculty Council for P.G. Studies
in Science
University of North Bengal |
| vii | Prof. Sanchari Roy Mukherjee
Dean, Faculty Council for P.G. Studies in
Arts, Commerce & Law
University of North Bengal | | |

Principal of Affiliated College

- | | | | |
|----------|--|----------|--|
| viii (a) | Principal
University B.T.& Evening College
P.O & Dist- Cooch Behar | viii (b) | Principal
Indian Institute of Legal Studies
P.O- Salbari, Dist- Darjeeling |
| viii (c) | Principal
Siliguri College
P.O- Siliguri, Dist- Darjeeling | viii (d) | Principal
P.D. Women's College
P.O & Dist- Jalpaiguri |

viii (e) Principal
APC Roy Govt. College
Himachal Bihar
Matigara, Dist.- Darjeeling

viii (f) Principal
Maynaguri College
P.O- Maynaguri
Dist- Jalpaiguri

viii (g) Principal
Kalimpong College
P.O & Dist- Kalimpong

Three Heads of the Department

ix (a) Head
Department of Physics
University of North Bengal

ix (b) Head
Department of Sociology
University of North Bengal

ix (c) Head
Department of Sanskrit
University of North Bengal

Seven Teachers from the Faculty Council for PG Studies

x Vacant

Five teachers of whom at least two shall belong to the rank of Associate Professor

xi Vacant

Chancellor's Nominee

xii (a) Prof. Subha Sankar Sarkar
Vice- Chancellor
Netaji Subhas Open University
Kolkata- 700064

xii (b) Vacant

Faculty Council for P.G. Studies in Science

Faculty Council for P.G. Studies in Science determines the policies related to the academic matters of the University of North Bengal. There are Fourteen Academic Departments under this Faculty Council. The office of the Secretary, Faculty Council for P.G. Studies in Science is also responsible for the enrollment of the students in every academic year in the P.G. courses in Science running under this Faculty Council.

Details of Officer:

Name	Designation
Dr. Joydeep Biswas	Secretary

Details of Support Staff:

Name	Designation
Shri Mahashankar Jha	Jr. Superintendent
Shri Pratap Roy	Group C
Shri Jotirmoy Ghosh	Group D

The Members of the Faculty Council for P.G. Studies in Science for 2020 -21 are –

Dr. Subires Bhattacharyya, Hon'ble Vice-Chancellor, NBU	Chairman
Prof. Bikash Ch. Paul, Dean, Faculty Council for P.G. Studies in Science, NBU (till 22.02.2021)	Vice -Chairman
Prof. Subhash Ch. Roy, Dean, Faculty Council for P.G. Studies in Science, NBU (23.02.2021 onwards)	Vice -Chairman
Prof. Nimai Chandra Saha, Vice-Chancellor, B.U.	Nominee of the Hon'ble Vice-Chancellor, NBU
Head, Department of Physics, NBU	Member
Head, Department of Chemistry, NBU	Member
Head, Department of Mathematics, NBU	Member
Head, Department of Geography & Applied Geography, NBU	Member
Head, Department of Computer Science & Application, NBU	Member
Head, Department of Botany, NBU	Member
Head, Department of Zoology, NBU	Member
Head, Department of Microbiology, NBU	Member
Head, Department of Biotechnology, NBU	Member
Head, Department of Anthropology, NBU	Member

Head, Department of Geology, NBU	Member
Head, Department of Tea Science, NBU	Member
Head, Department of Food Technology, NBU	Member
Head, Department of Pharmaceutical Technology, NBU	Member
Head, Department of Bioinformatics, NBU	Member
Prof Bikash Ch. Paul, Department of Physics, NBU	Member
Prof. Amitabha Mukhopadhyay, Department of Physics, NBU	Member
Prof. Pradip Kr. Mandal, Department of Physics, NBU	Member
Prof. Malay Kr. Das, Department of Physics, NBU	Member
Prof. Mahendra Nath Roy, Department of Chemistry, NBU	Member
Prof. Pranab Ghosh, Department of Chemistry, NBU	Member
Prof. Anirban Misra, Department of Chemistry, NBU	Member
Prof. Biswajit Sinha, Department of Chemistry, NBU	Member
Prof. Bhaskar Biswas, Department of Chemistry, NBU	Member
Prof. Suparna De Sarkar, Department of Mathematics, NBU	Member
Prof. Manoranjan Singha, Department of Mathematics, NBU	Member
Prof. Subir Sarkar, Department of Geography & Applied Geography, NBU	Member
Prof. Sushma Rohatgi, Department of Geography & Applied Geography, NBU	Member
Prof. Deepak Kr. Mandal, Department of Geography & Applied Geography, NBU	Member
Prof. Ranjan Roy, Department of Geography & Applied Geography, NBU	Member
Prof. Aniruddha Saha, Department of Botany, NBU	Member
Prof. Arnab Sen, Department of Botany, NBU	Member
Prof. Subhas ch. Roy, Department of Botany, NBU	Member
Prof. Soumen Bhattacharjee, Department of Zoology, NBU	Member
Prof. Min Bahadur, Department of Zoology, NBU	Member
Prof. Ranadhir Chakraborty, Department of Biotechnology, NBU	Member
Prof. Jaydip Sen, Department of Anthropology, NBU	Member
The Registrar, NBU	Invitee
The Controller of Examinations, NBU	Invitee
Dr. Jhinuk Dasgupta, Department of Chemistry, Siliguri College, Siliguri	Nominees of the Hon'ble Vice-Chancellor, NBU
Shri Dipayan Das, Research Scholar (NET JRF), Department of Botany, NBU-Nominee of the Hon'ble Vice-Chancellor, NBU	Nominees of the Hon'ble Vice-Chancellor, NBU
Shri Minaj Uddin Ahamed, P.G. Student, Department of Zoology, NBU-Nominee of the Hon'ble Vice-Chancellor, NBU	Nominees of the Hon'ble Vice-Chancellor, NBU

Faculty Council for P.G. Studies in Arts, Commerce & Law

Faculty Council for P.G. Studies in Arts, Commerce & Law determines the policies related to the academic matters of the University of North Bengal. The office of the Secretary of Faculty Council for P.G. Studies in Arts, Commerce & Law executes the decisions or policies of the Faculty Council for Post-Graduate Studies. There are Eighteen Academic Departments under this Faculty Council. This office is also responsible for the enrollment of the students in every academic year in the P.G. courses and M.Phil. Programs in Arts, Commerce and Law running under this Faculty Council.

Details of Officer:

Name	Designation
Dr. Joydeep Biswas	Secretary (Addl.)

Details of Support Staff:

Name	Designation
Smt Alpana Dhar	Sr. Assistant
Shri Supratim Ghosh	Sr. Assistant
Smt. Sita Chhetri	Sr. Peon
Shri Bapi Mondal	Group C (Casual)
Shri Dilu Sharma	Group D (Casual)

List of the members of the Faculty Council for P.G. Studies in Arts, Commerce & Law for year 2020-2021

Dr. Subires Bhattacharyya, Hon'ble Vice-Chancellor, NBU	Chairman
Prof. Sanchari Roy Mukherjee, Dean, Faculty Council for P.G. Studies in Arts, Commerce & Law, NBU (till 22.02.2021)	Vice -Chairperson
Prof. Rathin Bhandopadhyay, Dean, Faculty Council for P.G. Studies in Arts, Commerce & Law, NBU (23.02.2021 onwards)	Vice-Chairperson
Prof. Ranjan Chakrabarti, Hon'ble Vice-Chancellor, VU	Nominee of the Hon'ble Vice-Chancellor, NBU
Head, Department of Bengali, NBU	Member
Head, Department of Economics, NBU	Member
Head, Department of Philosophy, NBU	Member
Head, Department of History, NBU	Member
Head, Department of English, NBU	Member
Head, Department of Commerce, NBU	Member
Head, Department of Nepali, NBU	Member

Head, Department of Hindi, NBU	Member
Head, Department of Mass Communication, NBU	Member
Head, Department of Sociology, NBU	Member
Head, Department of Political Science, NBU	Member
Head, Department of Lifelong Learning & Extension, NBU	Member
Head, Department of Law, NBU	Member
Head, Department of Library & Information Science, NBU	Member
Head, Department of Management, NBU	Member
The Director, Centre for Himalayan Studies, NBU	Member
The Head, Department of Education, NBU	Member
The Head, Department of Physical Education, NBU	Member
The Head, Department of Sanskrit, NBU Jalpaiguri Campus	Member
Prof. Manjula Bera, Department of Bengali, NBU	Member
Prof. Nikhil Ch. Roy, Department of Bengali, NBU	Member
Prof. Utpal Mandal, Department of Bengali, NBU	Member
Prof. Soumitra. De, Department of Political Science, NBU	Member
Prof. Arun Kanti Jana, Department of Political Science, NBU	Member
Prof. Ranjita Chakraborty, Department of Political Science, NBU	Member
Prof. Ashis Sengupta, Department of English, NBU	Member
Prof. Bijoy Kr. Sarkar, Department of History, NBU	Member
Prof. Sanchari Roy Mukherjee, Department of Economics, NBU	Member
Prof. Anil Bhumali, Department of Economics, NBU [on Lien]	Member
Prof. Kanak Kanti Bagchi, Department of Economics, NBU	Member
Prof. Kantilal Das, Department of Philosophy, NBU	Member
Prof. Jyotish Ch. Basak, Department of Philosophy, NBU	Member
Prof. Debika Saha, Department of Philosophy, NBU	Member
Prof. Palas Ranjan Sengupta, Department of Commerce, NBU	Member
Prof. Indrajit Roy, Department of Commerce, NBU	Member
Prof. Samirendra Nath Dhar, Department of Commerce, NBU	Member
Prof. Dipen Roy, Department of Commerce, NBU	Member
Prof. Debabrata Mitra, Department of Commerce, NBU	Member
Prof. Sanjoy Kr. Roy, Department of Sociology, NBU	Member
Prof. Saswati Biswas, Department of Sociology, NBU	Member
Prof. Maitreyee Choudhury, Centre for Himalayan Studies, NBU	Member
Prof. Karubaki Dutta, Centre for Himalayan Studies, NBU	Member
Prof. Swatasiddha Sarkar, Centre for Himalayan Studies, NBU	Member
Prof. Mohan Prasad Dahal, Department of Nepali, NBU	Member
Prof. Ghanshyam Nepal, Department of Nepali, NBU	Member
Prof. Sanjoy Rai, Department of Nepali, NBU	Member

Prof. Gangotri Chakraborty, Department of Law, NBU	Member
Prof. Rathin Bandopadhyay, Department of Law, NBU	Member
Prof. Manisha Jha, Department of Hindi, NBU	Member
The Librarian (Acting), NBU	Member
The Registrar, NBU	Invitee
The Controller of Examinations, NBU	Invitee
Dr. Rajib Bhowmik, Assistant Professor, Department of English, Alipurduar College, Alipurduar	Nominees of the Hon'ble Vice-Chancellor, NBU
Shri Badal Roy, Research Scholar, (RGNF), Department of Bengali, NBU	Nominees of the Hon'ble Vice-Chancellor, NBU
Shri Sisir Kumar Sinha, P.G. Student, Department of Bengali, NBU	Nominees of the Hon'ble Vice-Chancellor, NBU

Council for Undergraduate Studies

The Prime function of the Under Graduate Council, University North Bengal is to form a bridge between the University and its affiliating Colleges. The Office of the Secretary, Under Graduate Council strives continuously with the objective of helping all Colleges to improve its quality of Education. Through its various units like the Boards of Under Graduate Studies and numerous Expert Committees, the office has tried to accomplish a process based on inter activity, quality enhancing mechanism and has yielded appreciable results at the Under Graduate workplace under the University of North Bengal.

Courses Offered under the Council:

1. B.A. LL. B (Honours)
2. B.Sc. in Geology (Honours)
3. B. Sc. in Anthropology (Honours)
4. B. Sc. in Tea Science (Honours)

Details of Officer:

Name	Designation
Dr. Nupur Das	Secretary

Details of Support Staff:

Name	Designation
Smt. Geeta Roy	Sr. Assistant
Shri Pintu Dutta	Jr. Assistant cum- Typist
Shri Lobin Singha	Record Keeper

D. General Administration

Office of the Vice-Chancellor

The Vice-Chancellor is the principal executive and academic officer of the University and his Office provides academic and administrative control to the University for the effective management and efficient use of resources in compliance with the Act and Rules of the University. The Office of the Vice-Chancellor leads and coordinates the development policies, strategic plans in order to achieve academic excellence, effectiveness and good governance of the University. The Office also implements the policy decisions undertaken by the Court and Executive Council for overall growth of the University.

Office of the Registrar

The Office of the Registrar supports the academic mission of the University of North Bengal by ensuring the integrity, confidentiality, and security of educational records; interpreting and implementing academic policies; and providing sound and efficient services to support the academic needs of students, alumni, faculty, and staff in a way that promotes fairness, a commitment to excellence, open communication, and respect.

This office also maintains principal policies and procedures that guide academic stakeholders of the University community in the pursuit of University academic objectives and in relations with the community at large. Policies are also designed to acquaint new student, faculty, and staff members with the organization and aims of the University.

Office of the Controller of Examinations

The Examination Branch, which began its journey in 1962, had been responsible for conducting examinations in six districts of North Bengal as well as Sikkim. Till the year 2007, the branch has not only conducted examinations for Undergraduate and Post Graduate students but also for those pursuing Medical, Engineering and Dental courses.

The Examination Branch on its journey has experienced reforms in examination system. Presently, the entire examination processes have been digitized breaking the age old mode of conducting examinations. All the documents of the examinees of the University have been digitally recorded with National Academic Depository (NAD), a scheme launched by the UGC. From the year 2000, the branch has introduced the concept of spot evaluation which has enabled timely publication of the results. A major breakthrough came in the year 2018 when the branch launched its own website, www.nbuexams.net, and online process in the examination system. The branch has also launched the process of sending transcripts online to the candidates working abroad and willing to pursue higher degrees in foreign universities. Presently the Office of the Controller of Examination is

working on the necessary steps required to bring in reforms for facilitating e-governance in the Examination Branch.

During the outbreak of COVID-19 Pandemic and its innumerable disruptions, the office has been able to conduct the examinations successfully overcoming all the odds

Office of the Finance Officer

The Finance and Accounts Department of the University is engaged in providing the services pertaining to Finance and maintenance of accounts to Teaching and Non-Teaching Departments / Sections / Units, affiliated colleges and recognized institutes. The office is headed by the Finance Officer, who is assisted by a team of dedicated team members consisting of Accounts Officer and Audit Officer. The Finance and Accounts Officer discharges duties related to budget and coordinates matters pertaining to Finance and Accounts under over all supervision of Vice-Chancellor adhering to laid down rules, regulations and time frame so as to contribute in enhancing the education process.

Centralized Finance Units of this office are Pay, Bills, Book, Grants, Endowment, Provident Fund, Budget, Cash, and Examination Finance. Decentralized Finance and Accounts Units cater to the needs of Post Graduate Departments, Estate, Student Welfare, Hostels, Board of Sports.

Office of the Inspector of Colleges

The Office of the Inspector of Colleges performs the functions in regard to affiliation of colleges in accordance with the Statutes of the University and the UGC (Affiliation of Colleges by Universities) Regulations, 2009. For affiliation of professional programs in colleges the guidelines made by concerned regulatory authorities are also taken into consideration. For inclusion of new academic programs in colleges this office maintains close liaison with the West Bengal State Council of Higher Education and the Department of Higher Education, Government of West Bengal.

The Office of the Inspector of Colleges also looks after the affairs of Board of Residence and Discipline which includes supervision and control of Hostels for residence of students and to enforce rules of discipline.

Office of the Development Officer

The Office of the Development Officer examines continuously the needs for development in various Departments and units of the University and also monitors all development works of the University and Schemes of the colleges funded programs. This Office keeps contact with the University Grants Commission and maintains records pertaining to UGC. The grants received from

UGC and other State Agencies are also distributed by the Office of the Development Officer. The Office also performs scholarship related activities.

The Office of the Development Officer collects year-wise information from each of the Academic / Administrative Departments / Centres / Directorates / Branches and does necessary compilation and editing works to prepare Annual Reports.

E. Officers of the University

List of Officers

Sl. No.	Name of the Officers	Designation of the Officers
1.	Dr. Subiresb Bhattacharyya	Hon'ble Vice-Chancellor
2.	Dr. Dilip Kumar Sarkar	Registrar
3.	Dr. Debasish Dutta	Controller of Examinations
4.	Dr. Subrata Sanyal	Inspector of Colleges
5.	Shri Mriganka Mandal	Librarian
6.	Shri Anirban Biswas	System Manager
7.	Shri Gautam Sarkar	Tech. Officer (III)
8.	Dr. Swapan Kr. Rakshit	Deputy Registrar
9.	Dr. Sukhendra Narayan Saha	Audit & Accounts Officer
10.	Shri Anirban Goon	University Engineer
11.	Dr. Zakia Banu	Medical Officer
12.	Shri Brindaban Karmakar	Deputy Librarian
13.	Dr. Nupur Das	Secretary, Council for under Graduate studies
14.	Dr. Joydeep Biswas	Secretary, Faculty Council for P.G. Studies in Science
15.	Dr. Tamal Sarkar	Scientific Research Officer Grade II
16.	Shri Sudeep Basu	System Engineer
17.	Dr. Arunava Bhadra	Sr. Research Physicist
18.	Shri Sajal Chakraborty (Contractual)	Officer-in-Charge, Watch & Ward
19.	Dr. Mayukh Deb	Micro- Analyst
20.	Dr. Gautam Gope	Electro- Instrumentation Officer
21.	Shri Apurba Paul	Documentation Officer
22.	Dr. Biswajit Chatterjee	Secretary to V.C.

Sl. No.	Name of the Officers	Designation of the Officers
23.	Shri Utpal Mandi	Programmer
24.	Shri Amitava Deb Barman	Programmer
25.	Dr. Prajanmita Dasgupta	Scientific Officer
26.	Smt. Yangzee Sherpa	Assistant Librarian
27.	Shri Debasis Kar	Assistant Engineer
28.	Shri Kaushik Chatterjee (Contractual)	Assistant Engineer
29.	Shri Subhrangsu Kr. Mistri	Assistant Librarian
30.	Shri Santanu Chanda	Assistant Librarian
31.	Smt. Shankari Chakraborty	Assistant Controller of Examinations
32.	Shri Debasish Bhattacharya	Assistant Registrar
33.	Shri Surajit Das	Accounts Officer
34.	Shri Kamala Kanta Ghosh	Estate Officer
35.	Shri Arindam Mukherjee	Research Officer
36.	Shri Manas Esh	Information Scientist
37.	Shri Soumyadeep Laha	Tech. Officer (I)
38.	Dr. Malay Saha	Asst. Curator (Museum)
39.	Dr. Subhojit Sarker	Assistant Registrar
40.	Smt. Susmita Misra (Contractual)	Assistant Registrar
41.	Shri. Kunal Chowdhury	Assistant Engineer
42.	Dr. Biswajit Dutta	Assistant Controller of Exam.
43.	Shri. Lalan Kumar Choudhary	Accounts Officer
44.	Shri. Uttam Nunia	Superintendent. University Press

CHAPTER – II
**ACADEMIC PROGRAMS AND
STUDENTS**

A. Academic Programs

The University of North Bengal offers various academic courses in Under-graduate (UG), Post-graduate (PG), M. Phil., Ph. D. and Diploma level in various subjects. The details of courses offered during 2020 – 21 are given below –

Courses Offered in UG Level

Sl. No.	Department	Name of the Course
1	Department of Anthropology	B. Sc. in Anthropology (Honours)
2	Department of Geology	B. Sc. in Geology (Honours)
3	Department of Law	B.A. LL. B. (Honours)
4	Department of Tea Science	B. Sc. in Tea Science (Honours)

Courses Offered in PG Level

Sl. No.	Department	Name of the Course
1	Department of Anthropology	MSc / MA in Anthropology
2	Department of Bengali	MA in Bengali
3	Department of Bioinformatics	MSc in Bioinformatics
4	Department of Bio-Technology	MSc in Bio-Technology
5	Department of Botany	MSc in Botany
6	Department of Chemistry	MSc in Chemistry
7	Department of Commerce	M. Com
8	Department of Computer Science and Application	MCA
9	Department of Computer Science and Application	MSc in Computer Science
10	Department of Economics	MA in Economics
11	Department of Education	MA in Education
12	Department of English	MA in English
13	Department of Food Technology	MSc in Food Technology

Sl. No.	Department	Name of the Course
14	Department of Geography and Applied Geography	MSc / MA in Geography and Applied Geography
15	Department of Geology	MSc in Geology
16	Centre for Himalayan Studies	MA in Strategic and Area Studies
17	Department of Hindi	MA in Hindi
18	Department of History	MA in History
19	Department of Law	LL. M.
20	Department of Library and Information Science	MLIS
21	Department of Lifelong Learning and Extension	MA in Rural Development
22	Department of Management	MBA
23	Department of Mass Communication	MA in Mass Communication
24	Department of Mathematics	MSc in Mathematics
25	Department of Microbiology	MSc in Microbiology
26	Department of Nepali	MA in Nepali
27	Department of Pharmaceutical Technology	M. Pharm
28	Department of Philosophy	MA in Philosophy
29	Department of Physics	MSc in Physics
30	Department of Political Science	MA in Political Science
31	Department of Sanskrit	MA in Sanskrit
32	Department of Sociology	MA in Sociology
33	Department of Tea Science	MSc in Tea Science
34	Department of Women's Studies	MA in Women's Studies
35	Department of Zoology	MSc in Zoology

Courses Offered in M. Phil.

Sl. No.	Department	Name of the Course
1	Department of Anthropology	M. Phil. in Anthropology
2	Department of Bengali	M. Phil. in Bengali
3	Department of Botany	M. Phil. in Botany
4	Department of Commerce	M. Phil. in Commerce
5	Department of Computer Science and Application	M. Phil. in Computer Science
6	Department of Economics	M. Phil. in Economics
7	Department of English	M. Phil. in English
8	Department of Geography and Applied Geography	M. Phil. in Geography and Applied Geography
9	Centre for Himalayan Studies	M. Phil. in Himalayan Studies
10	Department of Hindi	M. Phil. in Hindi
11	Department of History	M. Phil. in History
12	Department of Law	M. Phil. in Law
13	Department of Library and Information Science	M. Phil. in LIS
14	Department of Mathematics	M. Phil. in Mathematics
15	Department of Microbiology	M. Phil. in Microbiology
16	Department of Nepali	M. Phil. in Nepali
17	Department of Philosophy	M. Phil. in Philosophy
18	Department of Physics	M. Phil. in Physics
19	Department of Political Science	M. Phil. in Political Science
20	Department of Sociology	M. Phil. in Sociology
21	Department of Tea Science	M. Phil. in Tea Science
22	Department of Zoology	M. Phil. in Zoology

Note: Admission in M. Phil Programme was continued till the session 2019-2021

Courses Offered in Ph. D.

Sl. No.	Department	Name of the Course
1	Department of Anthropology	Ph.D. in Anthropology
2	Department of Bengali	Ph.D. in Bengali
3	Department of Bioinformatics	Ph.D. in Bioinformatics
4	Department of Bio-Technology	Ph.D. in Bio-Technology
5	Department of Botany	Ph.D. in Botany
6	Department of Chemistry	Ph.D. in Chemistry
7	Department of Commerce	Ph.D. in Commerce
8	Department of Computer Science and Application	Ph.D. in Computer Science
9	Department of Economics	Ph.D. in Economics
10	Department of Education	Ph.D. in Education
11	Department of English	Ph.D. in English
12	Department of Food Technology	Ph.D. in Food Technology
13	Department of Geography and Applied Geography	Ph.D. in Geography and Applied Geography
14	Department of Geology	Ph. D in Geology
15	Centre for Himalayan Studies	Ph.D. in Himalayan Studies
16	Department of Hindi	Ph.D. in Hindi
17	Department of History	Ph.D. in History
18	Department of Law	Ph.D. in Law
19	Department of Library and Information Science	Ph.D. in Library and Information Science
20	Department of Mass Communication	Ph.D. in Mass Communication
21	Department of Mathematics	Ph.D. in Mathematics
22	Department of Microbiology	Ph.D. in Microbiology
23	Department of Nepali	Ph.D. in Nepali
24	Department of Pharmaceutical Technology	Ph.D. in Pharmaceutical Technology
25	Department of Philosophy	Ph.D. in Philosophy

Sl. No.	Department	Name of the Course
26	Department of Physics	Ph.D. in Physics
27	Department of Political Science	Ph.D. in Political Science
28	Department of Sociology	Ph.D. in Sociology
29	Department of Tea Science	Ph.D. in Tea Science
30	Department of Zoology	Ph.D. in Zoology

Courses Offered in Diploma Level

Sl. No.	Department	Name of the Course
1	Department of Bioinformatics	PG Diploma in Bioinformatics
2	Department of Tea Science	PG Diploma in Tea Management

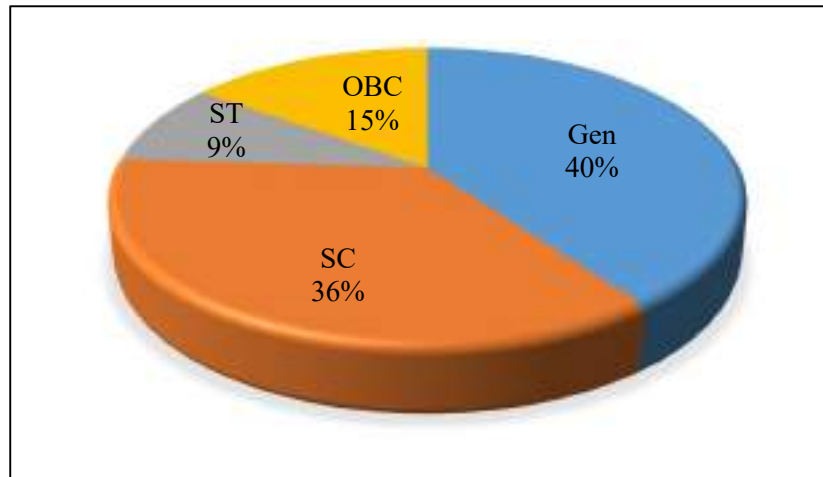
Courses Offered in Online and Distance Learning Mode

Sl. No.	Name of the Course
1	B.A. (General)
2	B.Com. (General)
3	M.A. in Bengali
4	M.A. in Nepali
5	M.A. in English
6	M.A. in History
7	M.A. in Philosophy
8	M.A. in Political Science
9	M.Sc. in Mathematics

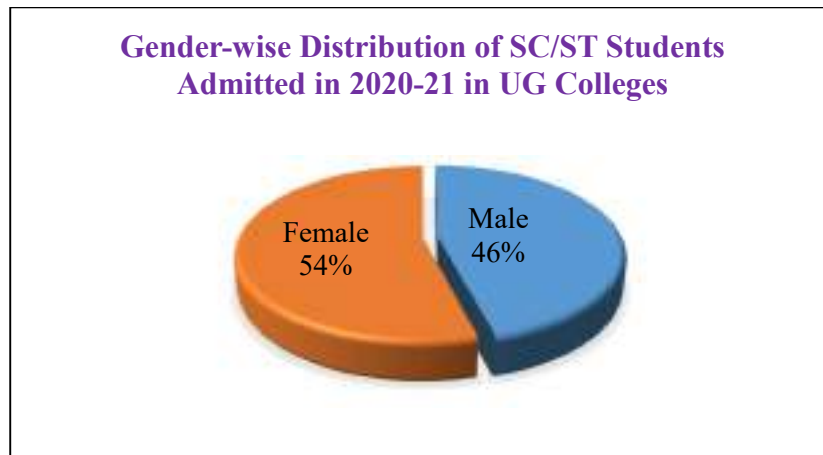
B. Student Enrollment

Enrolment of Students in UG Level

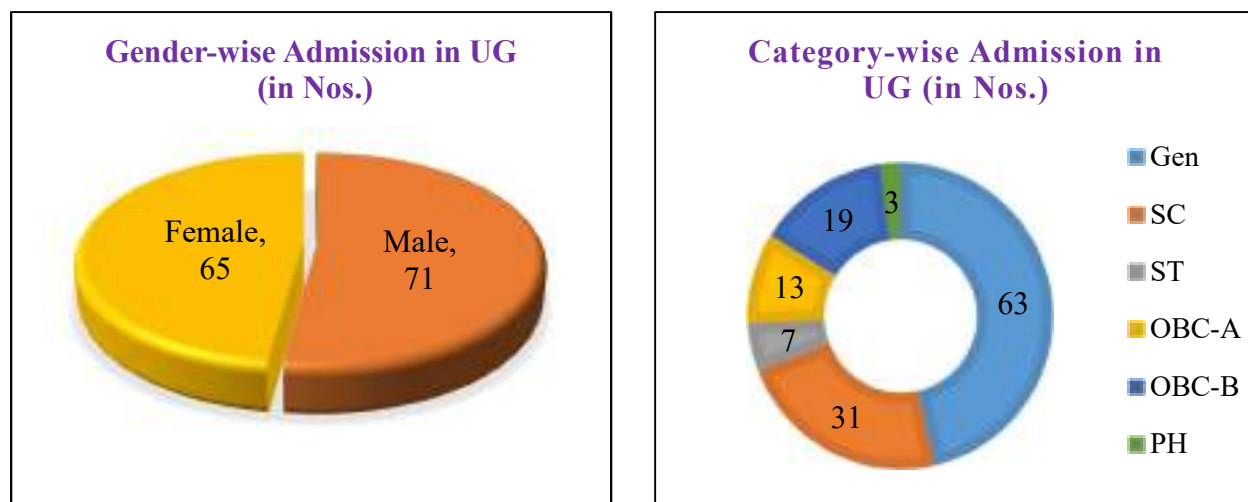
There are 50 affiliated colleges under the University of North Bengal in a spread of six districts. The present strength of students studying in various UG courses in the affiliated colleges in 2020-21 is 1,10,837 which is 1.3% higher than total number of students studied in 2019-20. The category-wise distribution of total students in the affiliated colleges have been represented graphically and shown below -



Among the above students, a total of 48,176 students including 22,233 males and 25,943 females have enrolled in 2020 – 21 registering 5.7% growth in total admission with respect to previous year with 8.4% growth in male and 3.5% growth in female student admission. Out of the same, 18,331 number of students belong to SC & ST community and gender-wise break-up of SC & ST students are given below –

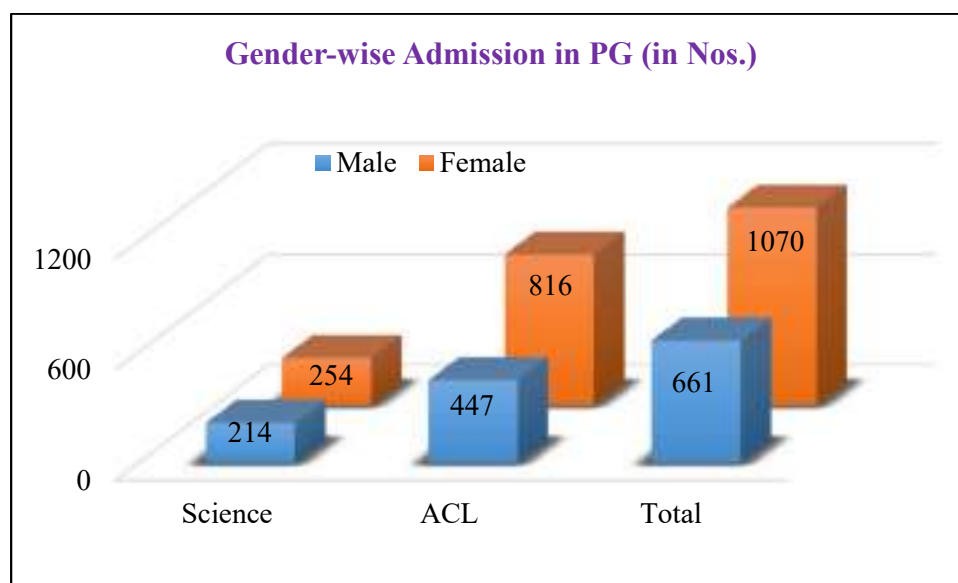


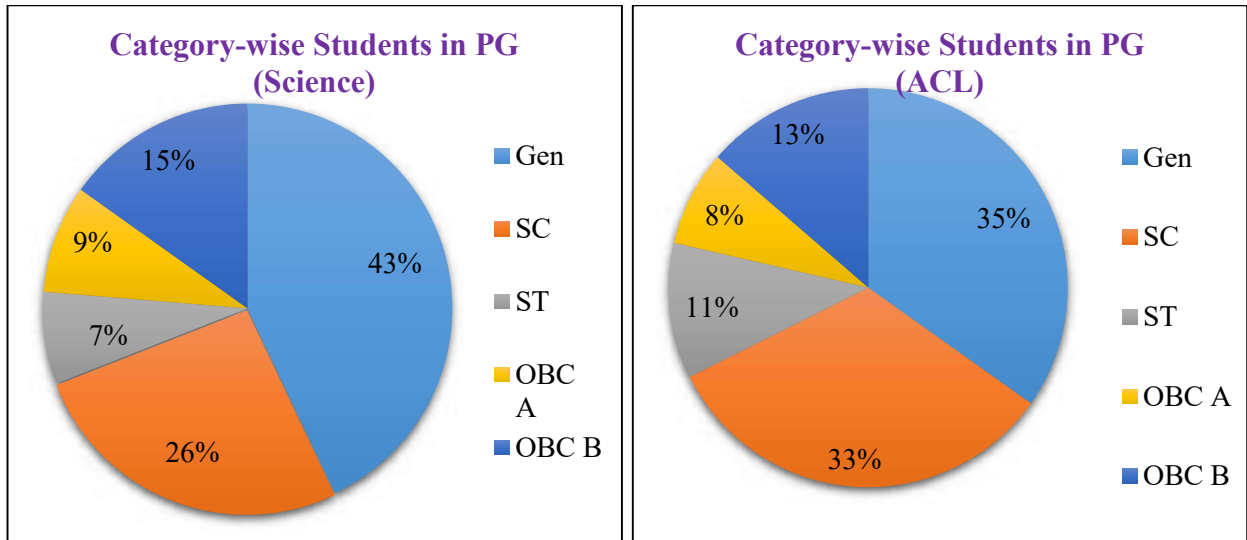
Apart from the affiliated colleges, the University also provides four numbers of UG courses in various Departments. Presently there are 582 students in total in all semesters of these courses with a male female ratio of 47:53. A total of 136 students have enrolled themselves in the university in 2020-21 academic session. The gender-wise and category-wise admission of students in 2020-21 are given in the following graphs –



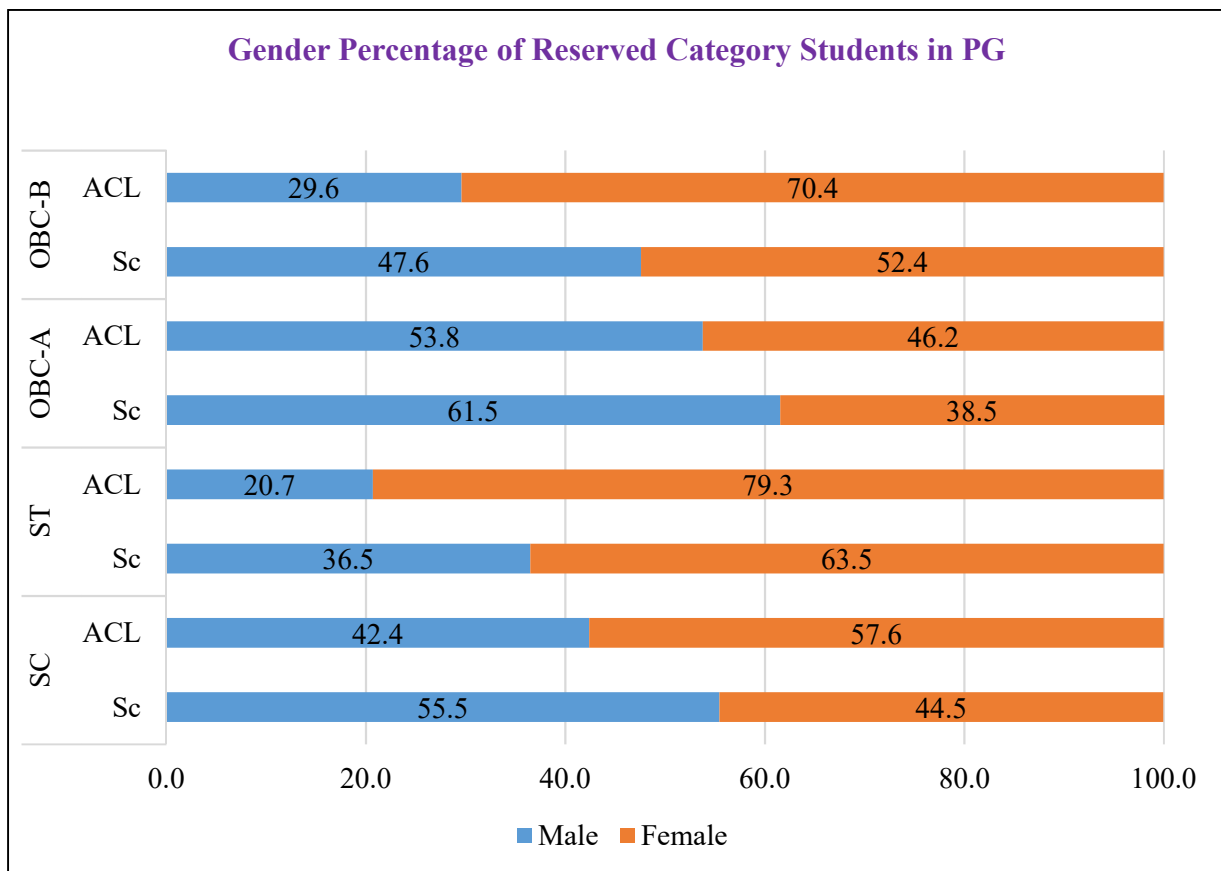
Enrolment of Students in PG Level

A total of 1731 number of students have taken admission in various Departments of the university in PG level in 2020 - 21, including 468 number of students in Science and 1263 number of students in Arts, Commerce and Law (ACL). The gender-wise and category-wise distribution of PG students admitted in Semester – I in Science and ACL are given below –





Out of total 3000 students studying in PG (Semester I and Semester III) in 2020 - 21, 1897 students belong to reserved category. The male to female ratio of the students in each of the reserved categories is given below.



Enrolment of Students in Ph. D. Level

In 2020 – 21 a total of 40 students have enrolled for Ph. D. programs in various Departments of the University; 19 under Faculty of Science and 21 under Faculty of Arts, Commerce and Law.

Faculty of Science

Sl. No.	Name of the Candidate	Name of the Supervisor	Subject	Topic
1.	Sujit Mondal	Dr. M. Chowdhury	Botany	Taxonomy, Phenology and Ethnobotany of Palms in West Bengal
2.	Prasant Nahak	Prof. A.K. Panda	Chemistry	Physicochemical Studies on Lipidic Component with Special Reference to Monolayer, Bilayer and Solid Lipid Nanoparticle
3.	Sultana Yesmin	Prof. P. Ghosh	Chemistry	Synthesis and Performance Evaluation of Organic Polymeric Additives for Lube and Crude Oils
4.	Biplab Rajbanshi	Prof. M.N. Roy	Chemistry	Investigation of Host-Guest Inclusion Complexation of Some Biologically Potent Molecules and Solvent Consequences of Some Food Preservatives with The Manifestation of Synthesis, Characterization and Innovative Applications
5.	Binoy Chandra Saha	Prof. M.N. Roy	Chemistry	Host Guest Inclusion Complexes and Thermodynamic Properties of some Imperative Molecules with the Manifestation of Diverse Interactions by Physicochemical Investigation
6.	Prasun Choudhury	Prof. B. Basu	Chemistry	Carbonaceous Nanomaterials and Composites: Green Techniques for Organic Synthesis
7.	Rabindranath Singha	Prof. P. Ghosh	Chemistry	Chemical transformation of Carbocyclic Compounds and Development of Novel Reaction Protocols
8.	Suchandra Bhattacharya	Prof. B. Basu	Chemistry	New Catalytic Applications of Functionalized Graphenes and Metal-Embedded Organic Polymer

Sl. No.	Name of the Candidate	Name of the Supervisor	Subject	Topic
9.	Bijeta Mitra	Prof. P. Ghosh	Chemistry	Development of New Protocols towards Construction of Bioactive Heterocyclic Compounds
10.	Dipanjan Moitra	Dr. Rakesh Kukar Mandal	Computer Science & Application	A Deep Learning Model for Prediction of Malignant Tumors in Human Body with Special Reference to Multimodal Imaging Techniques
11.	Nanigopal Kapacia	Prof. S. Rohatgi	Geography & Applied Geography	Socio-Economic Condition of Women in Tea Gardens : A Case Study of Terai of Darjeeling and Jalpaiguri Districts of West Bengal
12.	Debarshi Ghosh	Dr. Snehasish Saha	Geography & Applied Geography	A Study on Fluvial Dynamics of the Chel River Basin, North Bengal
13.	Pronob Mondal	Dr. S.K. Bhattacharya	Geography & Applied Geography	Educational and Employment Status of the Scheduled Tribes Population in Malda District, West Bengal
14.	Rituparna Das	Dr. I. Lepcha	Geography & Applied Geography	An Assessment of the Level of Rural Development in Jalpaiguri District, West Bengal
15.	Tarun Das	Prof. D.K. Mandal	Geography & Applied Geography	Socio-Economic Characteristics of Forest Villagers in Alipurduar District of West Bengal
16.	Diyali Chattaraj	Prof. S. Sarkar	Geography & Applied Geography	Assessment of Wetland Resources in Malda District and its Conservation for Sustainable Management
17.	Jyotirmay Paul	Dr. A. Bhadra & Dr. A.N. Ramaprakash (Co-supervisor)	Physics	Design and Development of Adaptive Optics System in Visible and Near Infra-Red Band for IUCAA 2m Telescope
18.	Debarghya Goswami	Prof. P.K. Mandal	Physics	Studies on some Biphenyl Benzoate Based Chiral Liquid Crystal Compounds
19.	Bijoy Chhetri	Prof. S. Barat & Dr. H.K. Badola (Co-Supervisor)	Zoology	Distribution, Abundance and Habitat Interaction of Himalayan Pheasants with their response to Climate Change in Khangchendzonga Biosphere Reserve, Sikkim, India

Faculty of Arts, Commerce and Law

Sl. No.	Name of the Candidate	Name of the Supervisor	Subject	Topic
1.	Magfera Megum	Prof. M. Bera	Bengali	আধুনিক বাংলা সাহিত্য মনসা-কথার নবনির্মাণ : ভাবনায় ও প্রকরণ
2.	Deep Chanda	Prof. U. Mandal	Bengali	ক্রিয়াভিত্তিক-বর্ণভিত্তিক শব্দার্থতত্ত্বর আলায় রামায়ণ - কথা
3.	Koyel Datta	Prof. N.C. Roy	Bengali	কৃষক আন্দোলনের পরিপ্রক্ষিত বাংলা কথাসাহিত্য (তভাগা থক নকশালবাড়ি পর্যন্ত)
4.	Sreyasee Goswami	Prof. M. Bera	Bengali	সুনীল গঙ্গাপাধ্যায়র 'সই সময়' - 'প্রথম আলা' - 'পূর্ব পশ্চিম' উপন্যাস বাঙালী সমাজ, সংস্কৃতি ও ঐতিহ্যর সন্ধান
5.	Kuntal Sinha	Prof. N.C. Ray	Bengali	মহিত চট্টাপাধ্যায়র নাট্যকৃতি
6.	Bikash Karki	Prof. K. Datta	Centre for Himalayan Studies	Dynamics of the Political Parties of Sikkmi (1940 – 2000) : A Study in Historical Perspective
7.	Malay Kalita	Prof. A. Bhuimali	Economics	Agricultural Credit in Assam with Special Reference to Assam Gramin Vikash Bank : A Case Study of Barpeta District
8.	Sanjay Dutta	Prof. A. Bhuimali	Economics	Role of Commercial Banks in Agricultural Development with Special Reference to Jalpaiguri District
9.	Mandika Sinha	Prof. S. Samanta	English	Literature of Crisis : Reading Recent Scandanavian Crime Fiction
10.	Peenaz Khan	Dr. Binayak Roy	English	<i>Trans-</i> lation, Poetics and Politics: Reflections on Clinton B. Seely's The Slaying of Meghanada: A Ramayana from Colonial Bengal and William Radice's The Poem of the Killing of Meghnad
11.	Ravi Shanker Shukla	Dr. S.K. Dwivedi	Hindi	Samkaleen Hindi Upanyas Mein Adivasi Jeevan Ka Swaroop Aur Vishleshan
12.	Sanat Kumar Adhikary	Prof. A. Bagchi	History	A Study on the Archaeological Sites of Malda District, Dakshin Dinajpur and Uttar Dinajpur:

Sl. No.	Name of the Candidate	Name of the Supervisor	Subject	Topic
				Linking Archaeology with Geography, Society, Economy and Polity in the Changing Perspective (C.3 rd Century B.C. To 12 th Century A.D.)
13.	Anamika Choudhury	Dr. Sudash Lama	History	Traditional Art and Craft of Sub-Himalayan Darjeeling : A Historical Study
14.	Varun Kumar Roy	Prof. A.G. Ghosh	History	Studying Urbanism: the Spatial, Physical and Bodily Manifestations in the Administrative Towns of Provincial Bengal 1757 – C 1857
15.	Gambhir Dhoj Subba	Prof. D. Saha	Philosophy	Kant's Concept of Imperative : A Critical Analysis
16.	Nabanita Bhowal	Prof. J.C. Basak	Philosophy	Kant's Notion of Synthetic - A Priori Judgement and Some later Developments on it
17.	Gouranga Biswas	Prof. K.L. Das	Philosophy	Current Approaches to the Theory of Reference : A Critical Observation
18.	Sashi Mohan Das	Dr. L.K. Padhi	Philosophy	Intrinsic Values in Nature: Some Critical Observations
19.	Arun Kumar Chowdhury	Prof. K.L. Das	Philosophy	Paradigm of Moral Action : A Comparative Study Between Kant and Bhagavadgītā
20.	Kumar Chhetri	Prof. S. Biswas	Sociology	<i>Participation of Women in Social Movements: A Sociological Study of the Hill Region of Darjeeling District</i>
21.	Smriti Rai	Prof. S. Sarkar	Sociology	Roots and Routes of Tribalism: A Study of The Kirati Khambu Rai Community of Darjeeling Hills

CHAPTER – III
ACADEMIC DEPARTMENTS

A. Faculty of Science

DEPARTMENT OF ANTHROPOLOGY

About the Department:

The Department of Anthropology, University of North Bengal was established under the faculty of Science in the year 2001 and presently offers Under-Graduate, Post-Graduate and Ph.D. programmes in different fields of Anthropology. The academic programmes are so designed as to enable the students and scholars to acquire a good understanding of people, society and culture at the micro level. The special focus of the department is to examine and analyze the regional and local issues of greater anthropological significance. The Department has an innovative plan to develop interdisciplinary interaction for strengthening its teaching and research programmes. Participatory approach and Lab to Land method has been adopted to develop the teaching and research activities of the Department.

Courses Offered:

- B. Sc. (Anthropology Hons.)
- M. Sc. / MA in Anthropology
- M. Phil.
- Ph. D.

Research Focus:

- Social-Cultural Anthropology
- Dalits, Women, Rural Society
- Human Rights
- Tribal Studies
- Culture of Peace Studies
- Prehistoric Archaeology

Student Strength:

Course	Year	Male	Female	Total	SC	ST	OBC-A	OBC-B	PH	Gen
P.G.	2021	08	15	23	04	02	02	04	01	10
	2020	03	10	12	01	NIL	NIL	02	NIL	10
U.G.	2021	06	03	09	02	NIL	02	02	NIL	03
	2020	05	09	14	06	NIL	NIL	01	NIL	07
	2019	04	01	05	01	NIL	NIL	01	01	02

Degree Completed by Students in 2020-21:

Course	Male	Female	Total	SC	ST	OBC-A	OBC-B	PH	Gen
P.G.	03	10	13	01	01	NIL	02	NIL	09

Faculty Details:

Name	Qualification	Designation	Email
Prof. Jaydip Sen	Ph.D.	Professor	jaydipsen@nbu.ac.in
Prof. Pinak Tarafdar	Ph.D.	Professor	pinaktarafdar@nbu.ac.in
Dr. Samar Kumar Biswas	Ph.D.	Assoc. Professor	smrkbis@yahoo.co.in
Dr. Argina Khatun	Ph.D.	Asst. Professor	arginakhatun87@gmail.com
Dr. Rinzi Lama	Ph.D.	Asst. Professor	rinzi.lama@nbu.ac.in

Details of Non-Teaching Staff:

Name	Qualification	Designation
Mr. Azizul Hoque	MLIS	Casual staff (Gr.-C)
Mr. Sujit Kangsha Banik	VIII	Casual staff (Gr.-D)

Details of Research Scholars:

Name	Fellowship Status	Supervisor's Name	Gender	Date of Registration
Mr. Subhankar Roy	University Fellow Completed	Prof. P Tarafdar	Male	Re-registration, 06.04.2020
Ms. Manisha Thapa	NFOBC Completed		Female	Re-registration, 17.12.2018
Ms. Grace Leivon	RGNF Completed		Female	Re-registration, 04.06.2019
Ms. Chumu Sherpa	RGNF Completed		Female	Re-registration, 30.12.2019
Mr. Riway Rai	University Fellow	Prof. S K Biswas	Male	24.04.2018
Arindam Biswas	UGC	Dr. A Khatun	Male	N/A

Details of PhD Students (Without Fellowship):

Name	Supervisor Name	Gender	Date of Registration
Saonli Roy	Prof. Pinak Tarafdar	Female	24.11.2017
TrishalaSubba	Dr Rinzi Lama	Female	02/01/2020

Details of Seminar/Conferences /Webinar Attended by Faculty:

Name	Details of the Seminars/Conferences	Venue & Date	Title of the Paper Presented
Dr. Samar Kumar Biswas	International Bilingual Webinar on “Tribal Lifestyle: Literature-Culture-Anthropology”, Organized by IBWTL-1, 2020-2021 in Collaboration with SLL, JU and SNLTR, and Ling Club, J.U	Online 29-30.12.2020 &15.01.2021.	Tribal Culture and Language: Issues, Consequences, and Challenges
Rinzi Lama	UGC sponsored National seminar on “Ethnic Groups in India: Problems and Perspectives	Venue: University of North Bengal, 6 th March 2020	Spirit Possession as cultural tradition and place making among the Nepali community in Darjeeling, West Bengal
Rinzi Lama	National Webinar on Tribal Health in India organized by the School of Anthropology & Tribal Studies in collaboration with School of Education, Bastar Vishwavidyalaya, Jagdalpur, C.G.	Online 7 th July, 2020	Attended
Rinzi Lama	5-day National Webinar Series on communities and Food Systems: Land, Labor, Migration organized jointly by the Department of Economics, and the Department of Geography in collaboration with the IQAC, Salesian College, Siliguri	Online 24 th - 28 th August 2020	Attended
Rinzi Lama	Online lecture series Anthropology, Anthropologist and Pandemics organized by International School of Anthropology, Anthropological Survey of India	Online 16 th – 20 th August, 2020	Attended
Rinzi Lama	Anthropological Response to Covid-19 organized by Department of Anthropology, University of Delhi,	Online, 7 th July, 2020	Attended

Details of Seminar/Conferences /Webinar Attended by Student:

Name of the Student	Details of the Seminars/Conferences	Date
Riwaj Rai	International Webinar Series on Overview of Forensic Odontology and Forensic Comparative Science generalizing across Disciplines. Organised by Department of Forensic Science, Dayal Singh College, Karnal	01.07.2020
Riwaj Rai	State level Seminar on Pandemic Outbreak and Contemporary Challenges: Anthropological Insights, Organised by Department of Anthropology and IQAC, Sree. Chaitanya College, Habra, West Bengal	04.07.2020
Riwaj Rai	International Workshop on Research Methodology in Social Sciences, Organised by the Department of Education, Siddinath Mahavidalaya, West Bengal and Pailan College of Education, West Bengal	16-22. 07.2020
Riwaj Rai	Workshop on The Craft of Research Methodology: Advances and Applications organised by Department of Anthropology, University of Delhi	27.07.2020
Riwaj Rai	National Webinar on Knowledge of Indigenous People: An Anthropological Outlook, organised by the Department of Anthropology, DHSK College, Dibrugarh, Assam	02.08.2020
Riwaj Rai	International Virtual Workshop, Improvising Strategies for Social Research: Methodological Concernsorganised by Indian Anthropological Association and Anthropology Without Borders	12.08.2020

Publications:

Name of the Author(s)	Publication Details	Year
Manisha Thapa and Pinak Tarafdar	' <i>Saato Haraunu</i> ' - a notion of similar to Soul Loss: The glimpses of ethnic revival among the Mangars and Limbus of Darjeeling, <i>Journal of Kolkata Society for Asian Studies</i> , Vol.06, No. 2.	2020
Pinak Tarafdar	Impact of Habitation Change on Traditional Health Care Practices: An Application of Cross-cultural comparison in Medical Anthropology, <i>The Journal of the Asiatic Society</i> , Vol. LXII, No. 3.	2020
Pinak Tarafdar	The Role of Modern Healthcare Practitioner in Health Equity and Health Disparity, A Very Short Appraisal in the	2021

Name of the Author(s)	Publication Details	Year
	Tribal Context, Paper accepted on 06.06.2020, in M. Das (et.al) edited book entitled <i>Health Disparity and Health Equity</i> , Rawat Publication.	
Samar Kuamr Biswas	Understanding the Influence of Social Environments on Child Development: A Case Study, <i>Journal of Man, Environment and Society</i> Vol. 1 (1): 19-36 [ISSN: 2582-7669]	2020
Samar Kuamr Biswas	Chief Editor of the Peer Reviewed Journal of <i>Man, Environment and Society</i> (JMES)' June 2020 Issue: Vol. 1 No. 1(ISSN: 2582-7669).	2020
Samar Kuamr Biswas	Essential Non-Timber Forest Products in Sustaining Livelihood: A Study on the Totos- the only PVTGs of North Bengal. <i>North Bengal Anthropologist annually</i> , Vol. 8: 87-109. [ISSN: 2320-8376].	2020
Samar Kuamr Biswas	How does Poverty affect Family Relationships: A Case Study, <i>Journal of Man, Environment and Society</i> Vol. 1 (2): 205-216 [ISSN: 2582-7669]	2020
Samar Kuamr Biswas	Chief Editor of the Peer Reviewed Journal of <i>Man, Environment and Society</i> (JMES) December 2020 Issue: Vol. 1 No. 2 (ISSN: 2582-7669).	2020
Argina Khatun	<i>Human Biology Review</i> . 10 (1), 34-49.	2021
Argina Khatun	<i>North Bengal Anthropologist annually</i> , Vol- 9, 152-168.	2021
Sen J., Mondal N., Lama R.	<i>South Asian Anthropologist</i> 21(1): 1-9	2021
Lama R.	<i>South Asian Anthropologist</i> 20(2): 191-192	2020

Research Projects Details:

Title of the Project	Project Duration	Sponsored by	Year of Sanction	Budget
Interdisciplinary Curricula on Indigenous and Tribal Peoples' Studies. (A project of the University of Lapland, Finland, and this Department is working as a partner in this Collaborative Project)	Oct, 2020 to Dec, 2022	EDUFI, Finland	2020	35,500 Euros

Title of the Project	Project Duration	Sponsored by	Year of Sanction	Budget
Assemblages and Conservations of Selected Prehistoric Sites and Relics in West Bengal and Jharkhand	Jun, 2020 to Mar, 2021	NBU	2020	Rs. 1.5 lakh
Culture and Livelihood of the Lepchas	Apr, 2020 to Feb, 2022	NBU	2020	Rs. 1.5 lakh

Miscellaneous Events:

Dr. Rinzi Lama participated in an online Panel Discussant on Biodiversity of Darjeeling-Sikkim Himalaya-Pathways to resilience, organized by Darjeeling Himalayan Initiative as a part of International Mountain Day on 11th December, 2020.

Dr. Rinzi Lama acted as Resource Person in an online training workshop entitled 'Ecosystem Approaches to Food and Water Security for Rural Wellbeing'. This was a training and capacity building project 'Adapting to and mitigating ecological and socio-economic impacts of climate change: Training and capacity building' funded by the SPLICE Division, Department of Science and Technology, Govt. of India and organized by Ashoka Trust for Research in Ecology and the Environment. The event was held from 9th to 21st December, 2020.

DEPARTMENT OF BIOINFORMATICS

About the Department:

Bioinformatics is information technology applied to managing and analyzing biological data with computers. It is the science of using the information to understand biology. It is a field in which biological information is collected, compared, studied and analyzed to find the interrelation between them for solving structural, functional and evolutionary problems using computational technologies. It is an emerging branch in life science.

The Department of Bioinformatics, University of North Bengal, was started in 2017 to meet the demand for higher education, research and innovation in research areas of bioinformatics. Presently, the Department runs a one-year Post Graduate Diploma in Bioinformatics (PGDBI), which started in the academic year 2018-2019. The Department has also envisaged starting a Postgraduate course in Bioinformatics from 2021-22.

Courses Offered:

- PG Diploma in Bioinformatics
- M. Sc.
- Ph. D.

Research Focus:

- Comparative Microbial Genomics
- Computer-Aided Drug Discovery
- Biological Network Study and AI
- NGS Data analysis
- Protein Engineering
- Novel Drug Target Identification

Student Strength:

Course	Year	Male	Female	Total	SC	ST	OBC-A	OBC-B	PH	Gen
PGDBI	2021	2	0	2	1	0	0	0	0	1

Faculty Details:

Name	Qualification	Designation	Email
Dr. John J. George	Ph. D.	Assoc. Professor	george@nbu.ac.in
Dr. Subarna Thakur	Ph. D.	Asst. Professor	subarna.thakur@nbu.ac.in
Dr. Chiranjib Sarkar	Ph. D.	Asst. Professor	chiranjib@nbu.ac.in

Details of Non-Teaching Staff:

Nam	Qualification	Designation	Email
Roshan Mallik	VIII	Group-D (Casual)	rsmallick824@gmail.com
Anjan Dey		Junier Suprendendent	

Details of Seminars/Conferences/Webinar Organized:

Name of the Seminar/Conference/ Webinar	Date	Number of Participants	Expenditure (Rs.)
Computational tools used in life science research	09 to 11 Oct, 2020	500	15,000
Bioinformatics in comparative metagenome analysis : unwrapping mysterious microbial world	12 Dec, 2020	164	15,000

Details of Seminar/Conferences /Webinar Attended by Faculty:

Name	Name of the Seminars / Conferences	Venue & Date	Title of the Paper Presented
Dr. Subarna Thakur	One Day National Webinar on Recent trends in Biological and Chemical Sciences to fight against Covid-19	Kabi Nazrul College, University of Burdwan July 26, 2020	Latest in-silico tools used for covid-19 research and its implication in vaccine development
	International Webinar on Neotric Approach in applied sciences	Darjeeling Government College August 24, 2020	Bioinformatics Tools and Databases in Microbial Research

Publications:

Name of the Author	Details of Book/Journal/Volume	Year
Dr. Subarna Thakur	<i>BMC Complementary Medicine and Therapies</i> , 21:89. Impact Factor 3.6	2021
	<i>Clinical Microbiology and Infection</i> , 27(3):472. e1-472. e5. Impact Factor- 8.06	2021

Research Projects Details:

Title of the Project	PI	Sponsored by	Year of Sanction	Duration	Budget (Rs.)
Investigation of the Role of Horizontal gene transfer in shaping the microbial	Dr. Subarna Thakur	NBU	2020	1 year	1,50,000

Title of the Project	PI	Sponsored by	Year of Sanction	Duration	Budget (Rs.)
adaptation to xenobiotics in <i>Pseudomona</i>					
An ensemble approach for integration of gene regulatory network and protein protein interaction network based on machine learning technique	Dr. Chiranjib Sarkar	NBU	2020	1 year	1,50,000

DEPARTMENT OF BIOTECHNOLOGY

About the Department:

The Department of Biotechnology, University of North Bengal was established in 2001 and it promotes and facilitates research in microbiology, biochemistry, molecular biology, cell biology, and molecular genetics. The Department provides technical support for research and a nucleus for interdisciplinary research and training initiatives at University of North Bengal.

The Department of Biotechnology spearheads in research and educational programs in cell and molecular biosciences by leading research initiatives to increase the competitiveness of researchers at North Bengal University in this critical area.

Courses Offered:

- M. Sc.
- M. Phil.
- Ph. D.

Research Focus:

- Antimicrobial resistance
- Plant Biotechnology
- Cell and developmental biology
- Gut Microbiome
- Genetic Engineering
- Nano biotechnology

Student Strength:

Course	Male	Female	Total	Gen	SC	ST	OBC-A	OBC-B	PH
PG 1 st Sem	04	05	09	02	00	01	01	00	05
PG 3 rd Sem	04	05	09	01	00	02	02	00	04

Details of Faculties:

Name	Qualification	Designation	Email Address
Dr. Ranadhir Chakraborty	Ph.D.	Professor	ranadchakrabort@nbu.ac.in
Dr. Dipanwita Saha	Ph.D.	Professor	dipanwitasaha@nbu.ac.in
Dr. Shilpi Ghosh	Ph.D.	Professor	shilpighosh@nbu.ac.in
Dr. Anoop Kumar	Ph.D.	Asst. Professor	anoop@nbu.ac.in
Dr. Manab Deb Adhikari	Ph.D.	Asst. Professor	madhikari@nbu.ac.in

Details of Non-Teaching Staff:

Name	Qualification	Designation
Sri Sujoy Chowdhury	Art Graduate	Office Assistant
Sri Raja Bauri	VIII pass	Sr. Peon

Name	Qualification	Designation
Sri Deepak Das	H.S. Pass	Lab. Attendant
Sri Amrinder Pandey (COFAM)	M.Sc. (Horticulture) Perusing	Practical Demonstrator
Sri Ranjan Sarkar (COFAM)	B.A.	Office Assistant
Smt. Swati Chowdhury (COFAM)	B. Sc.	Laboratory Attendant
Sri Anil Sarki (COFAM)	VIII	Field Man
Sri Niranjan (COFAM)	B.A.	Multipurpose field Staff
Sri Maloy Singha (COFAM)	H.S.	Multipurpose field Staff
Sri Biswajit Singh (COFAM)	B.A.	Multipurpose field Staff
Sri Subhash (COFAM)	VIII	Multipurpose field Staff
Sri Arup Ghosh (COFAM)	M.A.	Multipurpose field Staff

Details of Research Scholars:

Name	Fellowship Status	Supervisor's Name	Gender	Date of Joining	Date of Registration
Smriti Pradhan	CSIR-SRF	Prof. D Saha	Female	24.01.2018	04.12.2018
Susmita Das	SVMCM	Prof. D Saha	Female	10.01.2020	N/A
Sudeb Sarkar	CSIR-SRF	Dr. Anoop Kumar	Male	01.11.2017	21.01.2020
Ankita Dutta	SVMCM	Dr. Anoop Kumar	Female	18.09.2017	22.01.2020
Divya Limbu	SVMCM	Dr. M D Adhikari	Female	02.01.2020	N/A
Chandana Basak	CSIR-SRF	Prof. R Chakraborty	Female	01.08.2018	27.11.2020
Subhajit Sen	DST- INSPIRE SRF	Prof. R Chakraborty	Male	15.09.2016	04.12.2018
Partha Barman	CSIR-SRF	Prof. R Chakraborty	Male	14.09.18	27.11.2020
Vijeta Rai	CSIR-SRF	Prof. S Ghosh	Female	15.08.2015	11.01.2016
Arijita Basak	NBU-JRF	Prof. Si Ghosh	Female	27.07.2018	18.09.2017
Anasuya Karjee	CSIR-JRF	Prof. R Chakraborty	Female	02.01.2020	02.01.2020

Details of Project Scholars:

Name	Project Details	Supervisor's Name	Gender	Date of Joining
Sriradha Ganguli	WBPCB Sponsored Project	Prof. Ranadhir Chakraborty	Female	01.01.2020

Details of Ph. D. Students without Fellowship:

Name	Supervisor's Name	Gender	Date of Joining	Date of Registration
Dipanwita Ghosh	Dr. Dipanwita Saha	Female	08.01.2016	25.03.2019
Anindita Chaktaborty	Dr. Dipanwita Saha	Female	17.12.2013	17.12.2018

Details of Seminar/Conferences /Webinar Attended by Faculty:

Name	Details of the Seminars/Conferences	Date	Title of the paper presented
Prof. Ranadhir Chakraborty	One day State-level Web Seminar on Global Pandemic and its impact: The medical and the pedagogical, organized by Santipur College, Nadia	15.06.2022	'Exploration and understanding of the COVID-19'
	International Webinar on COVID-19 - The current scenario, organized by St. Xavier's College (Autonomous), Kolkata	02-04.07.2020	'Insidious SARS-CoV-2: its Molecular peculiarities and genomic plasticity'
	International Webinar titled In search of origin, prevention and possible cure of COVID-19, organized by Vijoygarh College, Kolkata	18.07.2020	'Sneaking SARS-CoV-2: Molecular distinctiveness and Mutation Spectra'
	National level Webinar on Challenges in Environmental Microbiology, organized by Chakdah College	31.08.2020	'Antibiotic residues in the Environment and the ways to its mitigation'
	National Webinar on Impact of Viral diseases challenging Human lives, organized by West Bengal State University	18.08.2020	'SARS-CoV-2: Trends of mutation accumulation'
	National Workshop on Functional foods, Bioactive compounds and phytochemicals for better nutrition Uttar Banga Krishi Vishwavidyalaya	10.12.2020	'Future innovations in Food based industries with special reference to North Bengal'
	National Webinar on COVID-19 & Vaccine preparedness, organized by Ministry of Culture, GoI	14.01.2021	'New strains of SARS-CoV-2 and vaccine production platforms'

Name	Details of the Seminars/Conferences	Date	Title of the paper presented
Dr. Manab Deb Adhikari	International webinar on Impact of Covid-19 on Higher Education & A quest for Possible Alternatives, organized by Sukanta Mahavidyalaya	22-24.06.2020	Attended
	Science Leadership Workshop, organized by Central University of Punjab	22-28.06.2020	Attended
	Emerging Trends in Biotechnological Advancement: Challenges and Prospects in Tackling Human Diseases, organized by NIT Warangal	13-17.07.2020	Attended
Dr. Anoop Kumar	India International Science Festival, organized by Ministry of Science and Technology	22-25.12.2020	Attended
	Covid-19 and Ayurveda: Principal, Practice, and Policy, organized by Amity University, Uttar Pradesh	21.05.2020	Attended
	Know your Intellectual Property Rights, organized by AIC-ADT Baramati Foundation in Association with Shardabhai Pawar Mahila Arts, Commerce and Science College	11.06.2020	Attended
	Science Leadership Workshop, organized by Central University Punjab	22-28.06.2020	Attended

Publications:

Name of the Author	Publication Details	Year
Professor Ranadhir Chakraborty		
Ranjan VK, Mukherjee S, Thakur S, Gupta K, Chakraborty R.	<i>Clin Microbiol Infect.</i> 4: S1198-743X (20)30667-4. Impact Factor: 7.18	2020
Roy C, Mandal SM, Mondal SK, Mukherjee S, Mapder T, Ghosh W, Chakraborty R.	<i>Genomics.</i> 112(6):5331-5342 Impact Factor: 6.2	2020
Bhattacharya S, Roy C, Mandal S, Sarkar J, Rameez MJ, Mondal N, Mapder T, Chatterjee S, Pyne P,	<i>FEMS Microbiol Lett.</i> 16;367(19): Impact Factor: 2.71	2020

Name of the Author	Publication Details	Year
Alam M, Haldar PK, Roy R, Fernandes S, Peketi A, Chakraborty R, Mazumdar A, Ghosh		
Roy C, Rameez MJ, Haldar PK, Peketi A, Mondal N, Bakshi U, Mapder T, Pyne P, Fernandes S, Bhattacharya S, Roy R, Mandal S, O'Neill WK, Mazumdar A, Mukhopadhyay SK, Mukherjee A, Chakraborty R, Hallsworth JE, Ghosh W.	<i>Nature Sci Rep.</i> Apr 3;10(1):5917. Impact Factor: 4.12	2020
Paria K, Paul D, Chowdhury T, Pyne S, Chakraborty R, Mandal SM.	<i>Transl Med Commun.</i> 5(1):21. Impact Factor: 4.2	2020
Mandal SM, Chakraborty S, Sahoo S, Pyne S, Ghosh S, Chakraborty R.	<i>Infectious Disorders - Drug Targets.</i> 20(1):69-75. Impact Factor: 2.8	2020
Manna S, Chowdhury T, Chakraborty R, Mandal SM.	<i>Probiotics Antimicrobial Proteins.</i> 23:1-13. Impact Factor: 3.53	2020
Roy C., Mondal N., Peketi A., Fernandes S., Mapder T., Prabhakar S P., Haldar P.K., Nandi N., Bhattacharya, T., Mazumdar, A., Chakraborty, R., Ghosh, W.	<i>J Earth Syst Sci</i> 129, 157 (2020). https://doi.org/10.1007/s12040-020-01423-y Impact Factor: 1.83	2020
Prof. Dipanwita Saha		
Karmakar, A., Saha D., Saha A.	In book: <i>Organisms and Environment</i> , Education Publishing	2020
Sarkar T. Saha A.and Saha D.	<i>Alochana Chakra Journal</i> , Vol. IX, Issue V	2020
Mudi P.K.,Pradhan, S., Sahu A., Saha D.and Biswas, B.	<i>Applied Microbiology: Theory & Technology</i> Vol 2, Issue 1	2021
Prof. Shilpi Ghosh		
Ghosh S, Lepcha K, Basak A, Mahanty A	Thermophiles and thermophilic hydrolases, In book: <i>Physiological and Biotechnological Aspects of Extremophiles</i> , Ed: Salwan R and Sharma V, Academic Press, London, UK, pp:21-37.	2020
Mazumdar D, Saha S P, Ghosh S	Isolation, screening and application of a potent PGPR for enhancing growth of chickpea as affected by nitrogen level, <i>International Journal of Vegetable Science</i> 26:4, 333-350. Impact Factor:1.0	2020

Name of the Author	Publication Details	Year
Mazumdar D, Saha S P, Ghosh S	RSM based optimization of plant growth promoting rhizobacteria and nitrogen dosage for enhanced growth and yield of mustard (<i>Brassica campestris</i> L.), <i>Journal of Plant Nutrition</i> 44:15, 2228-2244. Impact Factor:1.69	2021
Gavande PV, Basak A, Sen S, Lepcha K, Murmu N, Rai V, Mazumdar D, Saha SP, Das V, Ghosh S	Functional characterization of thermotolerant microbial consortium for lignocellulolytic enzymes with central role of Firmicutes in rice straw depolymerization, <i>Nature Scientific Reports</i> , 11:3032. Impact Factor: 4.12	2021
Bomzan P, Roy N, Sharma A, Rai V, Ghosh S, Kumar A, Roy MN	Molecular encapsulation study of indole-3-methanol in cyclodextrins: Effect on antimicrobial activity and cytotoxicity, <i>Journal of Molecular Structure</i> , 1225:129093. Impact Factor: 3.19	2021
Singh K K, Saha S P, Kadiravana R C, Mazumdar D, Rai V, Ghosh S	Ammonium metabolism in <i>Selaginella bryopteris</i> in response to dehydration-rehydration and characterisation of desiccation tolerant, thermostable, cytosolic glutamine synthetase from plant, <i>Functional Plant Biology</i> 48:257-267, Impact Factor:3.10	2021
Dr. Manab Deb Adhikari		
Adhikari M. D. and Tiwary B. K.	Book chapter in “ <i>Microbes, Environment and Human Welfare</i> ”, Edited by:Tilak Saha and Bipranch Kumar Tiwary, ISBN: 978-1-53617-945-3	2020
Tiwary B. K., Nag. S and Adhikari M. D.	Book chapter in “ <i>Microbes, Environment and Human Welfare</i> ”, Edited by:Tilak Saha and Bipranch Kumar Tiwary, ISBN: 978-1-53617-945-3	2020
Dr. Anoop Kumar		
S. Dutta, T K Jana, S K Halder, R Maiti, A Dutta, A Kumar and K. Chatterjee	<i>Chemistry Select</i> , Impact Factor: 1.8	2020
M Lala, D Modak, S Paul, I Sarkar, A Dutta, A Kumar, S Bhattacharjee and A Sen	<i>Bulletin of the National Research Centre</i>	2020

Name of the Author	Publication Details	Year
S Some, B Sarkar, K Biswas, T K Jana, D Bhattacharjya, P Dam, R Mondal, A Kumar, A K Deb, A Sadat, S Saha, A Kati, I Ocsoy, O L Franco, A Mandal, S Mandal, A K Mandal and I A Ince	<i>RSC Advance</i> , Impact Factor: 3.1	2020

Research Projects Details:

Title of the Project	PI	Sponsored by	Year of Sanction	Duration	Budget (Rs.)
Water quality monitoring and metagenomic analyses of waters from selected Rivers, Lakes, and Ground water sources of Northern West Bengal, India, with a strategy to study impact of pollution and assess the load of antimicrobial-resistance genes in the environment	Dr. R Chakraborty	WBPCB	2019	2 years	7,15,000
Exploring gut-microbiome of intestine breathing fish, <i>Lepidocephalichthys guntea</i> , with metagenomic and metatranscriptomic data for evaluating the role of bacteria in fish gut function and immunity	Dr. R Chakraborty	NBU	2020	1 year	1,50,000
Evaluation and characterization of potential anticancer activity of <i>Litchi chinensis</i> aril juice against glucose starvation hepatocellular carcinoma cell line	Dr. Anoop Kumar	NBU	2020	2020 – 2021	1,50,000

DEPARTMENT OF BOTANY

About the Department:

The Department of Botany of University of North Bengal was initiated in the summer of 1984. Since then the Department flourished tremendously with tireless efforts of faculties, staff and students. The Department has marked its golden presence by its remarkable achievements in shaping the scientific and academic pursuit of Sub-Himalayan West Bengal, Sikkim and neighbouring countries like Nepal, Bhutan and Bangladesh. Though, being a University situated in a remote location with limited resources and infrastructure, our University as well as the Department is second to none when it comes to producing quality students, researchers and scientists.

The voyage started off in the year 1982 with the decision of the University authority to have two new Departments namely; Botany and Zoology under the Centre for Life Sciences, the then a unit exclusively for R&D. The Department has received Special assistance program (SAP-DRS) for three phases (2002-2007, 2007-2012 and 2013-2018) as well as DST-FIST assistance in 2003. With the support from the Department of Environment and Forests, Govt. of India, a Botanic garden has been set up while with the financial support from the Department of Biotechnology, Ministry of Science and Technology, Govt. of India, infrastructural facilities including Immuno-Phytopathology Laboratory, Tea Germplasm Bank, Rice Germplasm Bank and rice Breeding for improvement, Antisera Reserves for Plant pathogens, Mushroom Production Unit have been established. With the financial support of DST, West Bengal and National Medicinal Plants Board a beautiful garden of Medicinal Plants has been developed in this campus. This year the University has uplifted this as a Centre for Conservation and Utilization of Medicinal and Aromatic Plants. The Department has been rendering bioinformatics facility in this University with the support from DBT, Govt. of India.

Courses Offered:

- M. Sc.
- M. Phil.
- Ph. D.

Research Focus:

- Cytogenetics
- Molecular Plant Pathology
- Taxonomy
- Microbiology
- Plant Biochemistry
- Biosystematics of Angiosperms

Student Strength:

Course	Male	Female	Total	Gen	SC	ST	OBC-A	OBC-B	PH
M. Sc.	28	50	78	17	19	9	9	5	0

Faculty Details:

Name	Qualification	Designation	Email
Prof. Aniruddha Saha	M.Sc, Ph.D	Professor	asahanbu@yahoo.co.in
Prof. Arnab Sen	M.Sc, Ph.D	Professor	senarnab_nbu@hotmail.com
Prof. Subhas Ch. Roy	M.Sc, M. Tech (Biotech)., Ph.D.	Professor	subhascr2011@gmail.com
Dr. Monoranjan Chowdhury	M.Sc, Ph.D	Professor	mono_malda@yahoo.co.in
Palash Mandal	M.Sc, Ph.D	Assoc. Professor	pmandalbotppprl@nbu.ac.in
Dr. Jnan Bikash Bhandari	M.Sc, Ph.D	Assoc. Professor	bhandarijnan@gmail.com
Dr. Swarnendu Roy	M.Sc, Ph.D	Asst. Professor	swarnendubotany@nbu.ac.in
Dr. Piyush Mathur	M.Sc, Ph.D	Asst. Professor	piyushmathur316@nbu.ac.in

Details of Non-Teaching Staff:

Name	Qualification	Designation
Susanta Roy	HS, Diploma in Pharmacy	Lab Assisstant
Nayan Ranjan Ghosh	Madhyamik	Lab Attendant (Gr-I)
Sumon Chatterjee	MBA, Ph. D.	Sr. Assisstant

Details of Research Scholars:

Name	Fellowship Status	Supervisor's Name	Gender	Date of Joining
Indrajit Singha	BSR	Prof. S C Roy	Male	1.12.2015
Swernendra Banerjee	CSIR-SRF	Prof. Arnab Sen	Male	8.11.2019
Sandipan Ghosh	SVMCM	Prof. Arnab Sen	Male	01.01.2020
Sutapa Datta	SVMCM	Prof. Arnab Sen	Female	01.01.2020
Soumita Bhattacharjee	SVMCM	Prof. Arnab Sen	Female	03.01.2019
Tanushree Sarkar	BSR-UGC SRF	Prof. A Saha	Female	21.05.2015
Preeti Mangar	BSR-UGC SRF	Prof. A Saha	Female	21.12.2015
Arup Karmakar	SRF BSR (UGC)	Prof. A Saha	Male	21.12.2015
Asit Ray	CSIR-JRF	Prof. A Saha	Male	16.11.2018
Subhrajyoti Saha	UGC-JRF	Prof. A Saha	Male	01.07.2019
Suyojna Tamang	NBU Fellowship	Prof. A Saha	Female	26.09.2019
Kalyan Roy	UGC-JRF	Prof. A Saha	Male	02.01.2020
Enakshi Sadhu	State Fellowship	Prof. A Saha	Female	02.01.2020

Name	Fellowship Status	Supervisor's Name	Gender	Date of Joining
Ritabrita Saha	DBT BET JRF	Prof. A Saha	Female	01.02.2020
Biswajit Paul	NFOBC JRF	Prof. A Saha	Male	09.11.2020
Ankita Roy	UGC-JRF	Prof. A Saha	Female	09.11.2020
Aaratrik Pal	UGC- JRF	Prof. M Chowdhury	Male	01.08.2019
Keya Modak	SVMCM	Prof. M Chowdhury	Female	02.01.2019
Divya Chouhan	UGC-JRF	Dr. P Mandal	Female	09.08.2019
Kushankur Sarkar	NFSC	Dr. P Mandal	Male	03.01.2020
Dipayan Das	UGC-SRF	Dr. P Mandal	Male	25.04.2017
Aparna Sarkar	NFSC	Dr. P Mandal	Female	12.03.2021
Priyankar Roy	RGNF	Dr. P Mandal	Male	21.12.2015
Ashis Sarkar	UGC-JRF	Dr. S Roy	Male	26.07.2019
Mahima Misti Sarkar	UGC-JRF	Dr. S Roy	Female	24.07.2019
Biswanath Karmakar	SVMCM	Dr. S Roy	Male	13.03.2021
Dibakar Ghosh	SVMCM	Dr. S Roy	Male	11.03.2021
Prabha Toppo	UGC-MANF	Dr. P Mathur	Female	02.01.2020
Rewaj Subba	CSIR-JRF	Dr. P Mathur	Male	02.05.2021

Details of Project Scholar

Name	Project Name	Supervisor's Name	Gender	Date of Admission
Salman Haydar	Improving the productivity in sericulture by oligopeptides and plant growth regulator (PGR) based post-harvest elicitation of mulberry leaves	Dr. Palash Mandal	Male	02.01.2019
Suravi Ghosh	Molecular characterization and assessment of the efficacy of low molecular weight peptides isolated from mulberry leaves against flacherie disease of silkworm	Dr. Palash Mandal	Female	11.12.2019

Details of PhD Scholars (Without Scholarship):

Name	Supervisor's Name	Gender	Date of Admission
Pankaj Shil	Prof. S C Roy	Male	01.08.2018
Shukdeb Sarkar	Prof. S C Roy	Male	01.01.2020
Ravindra Kumar Karn	Prof. A Sen	Male	31.03.2021
Prashan Kumar Chhetri	Dr. J B Bhandari	Male	23.09.2011
Sujoy Kumar Sen	Dr. P Mandal	Male	05.01.2014

Debanshu Mallick	Prof. M Chowdhury	Male	01.01.2020
Deepika Chettri	Prof. M Chowdhury	Female	04.12.2018
Satyajit Sarkar	Prof. M Chowdhury	Male	08.01.2016
Yogesh Shankar	Prof. M Chowdhury	Male	07.01.2016
Banani Roy	Prof. M Chowdhury	Female	15.03.2021

Details of Seminar/Conferences /Webinar Attended:

Name	Details of the Seminars/Conferences	Date
Dr. Jnan Bikash Bhandari	Webinar on “Sustainable development of plant resources and conservation of threatened plants in botanic gardens”	19-21.05.2021
Dr. Piyush Mathur	Two days National e-conference on “Plant Science Research: Relevance, Funding, Challenges and Opportunities”, organized by Department of Botany, Hansraj College in collaboration with Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi	16-17.01.2021
Dr. Piyush Mathur	Online Workshop on “Recent Advances in Environmental Biotechnology” Jointly organized by Department of Civil Engineering and School of Environmental Science & Engineering, IIT Kharagpur	05-09.10.2020
Dr. Piyush Mathur	Online workshop on “MOOCs, Online Courses & Open Educational Resources on the theme ‘ICT Tools for Online Teaching’” Organized by Centre for Professional Development in Higher Education (CPDHE) UGC-Human Resource Development Centre University of Delhi	23-29.05.2020
Dr. Swarnendu Roy	Online workshop on “MOOCs, Online Courses & Open Educational Resources on the theme ‘ICT Tools for Online Teaching’” Organized by Centre for Professional Development in Higher Education (CPDHE) UGC-Human Resource Development Centre University of Delhi	23-29.05.2020
Prof. Monoranjan Chowdhury	National Webinar on “Jal Shakti Campus and Jal Shakti Gram: SDGs for Natural Resources During Covid-19 and Beyond”	09.08.2020
Prof. Monoranjan Chowdhury	Role of NSS & Practical field Experience Organized by Surya Sen Mahavidyalaya	05.05.2021

Publications:

Name of Author	Name of Book/Journal/Volume, Impact Factor	Year
Reaserch Papers		
Roy S C, Shil P	Assessment of Genetic Heritability in Rice Breeding Lines Based on Morphological Traits and Caryopsis Ultrastructure. <i>Scientific Reports, Nature Group</i> , 10:7830	2020
Sarkar T, Saha A , Saha D	<i>Fusarium equiseti</i> : an emerging pathogen of fruit rot disease of <i>Trichosanthes dioica</i> in Sub-Himalayan West Bengal, <i>Alochana Chakra Journal</i> , IX, V	2020
Lala MD, Modak S, Paul I, Sarkar A, Dutta A, Kumar S, Bhattacharya M and A Sen	Potent bioactive methanolic extract of wild orange (<i>Citrus macroptera</i> Mont.) Shows antioxidant, anti-inflammatory, and antimicrobial properties in vivo, in vitro, in silico studies, <i>Bulletin of the National Research Centre</i>	2020
Das D, Basak S, Chouhan D, Mandal P , Sikdar S, Roy MN	Green Synthesis of Cu ²⁺ doped ZnO nanoparticles to investigate their Structural, Optical, Morphological properties and Antifungal activities, <i>Journal of Chemical, Biological and Physical Sciences</i>	2020
Das D, Mandal P	Use of biogenic silver nanoparticles in enhancing shelf life of <i>Morus alba</i> L. at post-harvest stage, <i>Scientific Reports</i> , Impact Factor: 4.379	2020
Das D, Roy SS, Mandal P	Investigation of protein profile of nano-silver preserved mulberry leaves and silkworm larvae fed with the same leaves, <i>Applied Nanoscience</i> , Impact Factor: 3.674	2020
Saha M, Bhandari JB	Morphological & Biochemical Characterization of Rhizospheric Bacteria of some Ferns of Darjeeling District, <i>Indian Fern Journal</i> (37)	2020
Dey M, Bhandari JB	Study of spore morphology of some Pteridophytes occurring in Jalpaiguri District, West Bengal (India), <i>Indian Fern Journal</i> (37)	2020
Mandal S, Bhandari JB	Taxonomic investigation of some members of Fabaceae (subfamily-Caesalpinioideae) with special reference to pollen morphology, <i>Indian Fern Journal</i> (37)	2020
Sarkar A, Roy S	Effect of phenol on biochemical status of an aquatic fern <i>Salvinia natans</i> . <i>Environmental and Experimental Biology</i> 18: 229–236.	2020
Mathur P, Roy S	Nanosilica facilitates silica uptake, growth and stress tolerance in plants, <i>Plant Physiology and Biochemistry</i> 157:114–127. Impact Factor: 4.2	2020

Name of Author	Name of Book/Journal/Volume, Impact Factor	Year
Mondal S, Basu SK, Chowdhury M	A new species of <i>Calamus</i> (Arecaceae) from Eastern Himalaya India, <i>Turczaninowia</i> 23(3), Impact Factor: 0.35	2020
Mondal S, Basu SK, Chowdhury M	<i>Salacca secunda</i> Griff. (Arecaceae) : A New addition to the Flora of West Bengal, India, <i>Plant Archives</i> 20	2020
Roy S C, Chowdhury A	Comparative ultrastructure of caryopsis and leaf surface anatomy in wild rice <i>Oryza coarctata</i> and <i>O. rufipogon</i> through Scanning Electron Microscope (SEM), <i>Open Journal of Plant Science</i> 6(1):030-041.	2021
Roy SC, Shil P	Black Rice Developed Through Interspecific Hybridization (<i>O. sativa</i> x <i>O. rufipogon</i>): Origin of Black Rice Gene from Indian Wild Rice, <i>Bio Rixiv</i> 2020.12.25.423663	2021
Karmakar A, Sarkar, T, Chakraborty P, Biswas KK, Saha A, Saha D	Genetic variability of tomato leaf curl New Delhi virus infecting cucumber in sub-Himalayan plains in Eastern India, <i>International Journal of Agricultural Technology</i>	2021
Kar P, Banerjee S, Chhetri A, Sen A	Synthesis, physicochemical characterization and biological activity of synthesized Silver and Rajat Bhasma nanoparticles using Clerodendrum inerme, <i>Journal of Phytology</i>	2021
Das D, Ghosh D, Mandal P	Preservative potential of biosynthesized silver nanoparticles: prevention of xylem occlusion and microbial proliferation at postharvest stage of preservation, <i>Environmental Science and Pollution Research</i> , Impact Factor: 4.223	2021
Das D, Haydar S, Mandal P	Impact of Physical Attributes on Proficient Phytosynthesis of Silver Nanoparticles Using Extract of Fresh Mulberry Leaves: Characterization, Stability and Bioactivity Assessment. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , Impact Factor: 3.543	2021
Chouhan D, Mandal P	Applications of chitosan and chitosan based metallic nanoparticles in Agrosiences-A review, <i>International Journal of Biological Macromolecules</i> , Impact Factor: 6.953	2021
Das D, Ghosh D, Mandal P	Preservative potential of biosynthesized silver nanoparticles: prevention of xylem occlusion and microbial proliferation at postharvest stage of preservation, <i>Environmental Science and Pollution Research</i> , Impact Factor: 4.223	2021

Name of Author	Name of Book/Journal/Volume, Impact Factor	Year
Saha M, Bhandari JB	Anti-bacterial activities of activities of the plant extracts and biochemical characterization of associated microbes of <i>Angiopteris evecta</i> (g. Forst.) Hoffm. and <i>Tectaria coadunata</i> (J. Sm.) C. SM.) C. CHR, <i>Indian Fern Journal</i> 38	2021
Singh P, Bhandari JB	Phytochemical evaluation and antioxidant activity of <i>Pteris biaurita</i> L. from Darjeeling District, West Bengal, <i>Indian Fern Journal</i> 38	2021
Dey M, Bhandari JB	Diversity and ethnomedicinal pteridophytes of Jalpaiguri District, West Bengal, <i>Indian Fern Journal</i> 38	2021
Gupta SK, Bhandari JB	Ethno-medicinal properties of <i>Dryynaria quercifolia</i> (L.) J. Smith, <i>Indian Fern Journal</i> 38	2021
Chakraborty R, Sabruna R, Roy R, Majumdar S, Roy S	Banana pseudostem substitution in wheat flour biscuits enriches the nutritional and antioxidative properties with considerable acceptability, <i>SN Applied Sciences</i> 3:75	2021
Mathur P, Roy S	Insights into the plant responses to drought and decoding the potential of root associated microbiome for inducing drought tolerance, <i>Physiologia Plantarum</i> 172 (2), 1016-1029	2021
Sarkar MM, Roy S	Evaluation of Proline-Ascorbate Mixture (PAM) in Alleviation of NaCl Induced Stress in <i>Vigna radiata</i> (L.) Wilczek, <i>Russian Agricultural Sciences</i> 47:21-31	2021
Book Chapters		
Karmakar A, Saha D, Saha A.	Mini review on Begomoviruses infecting cultivated vegetable crops in India, <i>In book: Organisms and Environment</i> , Educreation Publishing	2020
Sarkar B, Roy S	Ion transporter genes from wild relatives of cereals hold the key for the development of salinity tolerance, <i>Sustainable Agriculture in the Era of Climate Change</i> , Roychowdhury R, Choudhury S, Hasanuzzaman M, Srivastava S (Eds.) pp. 187–209.	2020
Mathur P, Pramanik S	Prospective Role of Melatonin in Signaling and Alleviation of Stress in Plants, Neurotransmitters <i>in Plant Signaling and Communication</i> , Baluška F, Mukherjee S, Ramakrishna A (Eds.) pp 213-240. Springer, Cham, Springer Nature Switzerland AG 2020 978-3-030-54478-2	2020
Roy A, Shaw N, Saha A	<i>Plant: A valuable resource of sustainable agriculture, food and Medicine</i> , D. Sinha, De RP (Eds.) ABS Books, Delhi	2021
Books		
Paul P, Dhar S, Das D, Chowdhury M	Herbarium Technique: Evolution from Conventional to Digitization	2020

Name of Author	Name of Book/Journal/Volume, Impact Factor	Year
Das D, Haydar S, Mandal P, Ghosh S, Mandal P	Electrophoretic Separation: A laboratory Handbook Publisher Name: <i>Palok Publishers</i>	2021
Mandal P , Roy P, Sarkar K	Pristine Treasure Trove: Exploring Sacred Groves of Uttar Dinajpur, West Bengal, India Publisher Name: <i>Lap Lambert Academic Publishing</i>	2021
Sen S K, Chouhan D, Mandal P	A quick look into Chitosan and chitosan nano-conjugates: To make a long story short, Publisher Name: <i>Lap Lambert Academic Publishing</i>	2021

Research Projects Details:

Title of the Project	PI	Project Duration	Sponsored by	Year of Sanction	Budget (Rs.)
Improving the productivity in sericulture by oligopeptides and plant growth regulator (PGR) based post-harvest elicitation of mulberry leaves	Dr. P Mandal	3 years	DST, GoWB	2019	14,99800
Molecular characterization and assessment of the efficacy of low molecular weight peptides isolated from mulberry leaves against flacherie disease of silkworm	Dr. P Mandal	3 years	Central Silk Board	2019	24,75,000
Heavy Metal stress response of some selected Pteridophytes and characterization of associated Rhizospheric microbes from Darjeeling district.	Dr. J B Bhandari	1 year	NBU	2020	1,50,000

DEPARTMENT OF CHEMISTRY

About the Department:

The Department of Chemistry, University of North Bengal was established in 1963 and presently provides M. Sc., M. Phil and Ph. D. Programmes. The academic programmes are so designed as to enable the students to acquire a good understanding of classical Chemistry as well as its latest developments.

The Department was selected by the UGC for Special Assistance Programme (SAP) under Departmental Research Support (DRS) category. The Department has also received assistance from the Department of Science and Technology under its FIST programme.

The Department is well equipped with modern instruments for conducting advanced research. With a blend of experienced and young teachers, the Department is serving the students quality education in addition to innovative research activities.

Courses Offered:

- M. Sc.
- M. Phil.
- Ph. D.

Research Focus:

- Organic Synthesis
- Computational Chemistry
- Supramolecular Chemistry
- Chemistry of 4-Quinolone
- Hydrothermal Synthesis of single crystals
- Quantum Chemistry
- Biomimicking Chemistry
- Electro and Photocatalysis with Base Metals

Student Strength:

Course	Male	Female	Total	Gen	SC	ST	OBC-A	OBC-B	PH
M. Sc.	32	16	48	11	1	6	6	-	24

Faculty Details:

Name	Qualification	Designation	Email
Anirban Misra	M.Sc., Ph.D	Professor	anirbanmisra@nbu.ac.in
Mahendra Nath Roy	M.Sc., Ph.D, FRSC (London)	Professor	mahendraroy2018@nbu.ac.in
Pranab Ghosh	M.Sc., Ph.D	Professor	pranabchem@nbu.ac.in
Biswajit Sinha	M.Sc., Ph.D	Professor	biswachem@nbu.ac.in
Bhaskar Biswas	M.Sc., Ph.D	Professor	bhaskarbiswas@nbu.ac.in

Name	Qualification	Designation	Email
Sajal Das	M.Sc., Ph.D	Assoc. Professor	sajal.das@hotmail.com
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Kinkar Biswas	M.Sc., Ph.D	Assoc. Professor	kinkar.chem@nbu.ac.in
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Nitish Roy	M.Sc., Ph.D	Asst. Professor	nitishroy@nbu.ac.in
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Rajesh Kr. Das	M.Sc., Ph.D	Asst. Professor	rajeshnbu@gmail.com
Hari Sankar Das	M.Sc., Ph.D	Asst. Professor	harisankardas@nbu.ac.in
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Satyapriya Bhandari	M.Sc., Ph.D	DST-Inspire Faculty	satyapriya@nbu.ac.in

Details of Officers:

Name	Qualification	Designation	Email
Dr. Mayukh Deb	M.Sc., Ph.D	Micro-Analyst.	microanalyst@nbu.ac.in
Dr. Gautam Gope	M.Sc., M.Tech., Ph.D	Electro Instrumentation Officer	instofficer@nbu.ac.in

Details of Non-Teaching Staff:

Name	Qualification	Designation
Sankar Kr. Ghosh	VIII	Record Keeper
Gurucharan Roy	VIII	Laboratory Attendant, Gr. II
Hiralal Tigga	VIII	Senior Peon
Amardip Sharma	Appeared in Class X	Laboratory Attendant, Gr. II
Yogendra Mandal	VIII	Laboratory Attendant, Gr. III
Subrata Roy	B.Sc. & B.Sc. (Hons.)	Technical Assistant, Gr. I
Dhruba Jyoti Roy	M.Sc.	Technical Assistant, Gr. I
Samit Mozumder	B.Sc.	Technical Assistant, Gr. I
Amit Sarkar	B.Sc.	Technical Assistant, Gr. I
Dhajen Ch. Singha	VIII	Senior Peon
Narayan Paul	M.A (Double)	Office Assistant (Contractual)

Details of Research Scholars:

Name	Fellowship Status	Supervisor's Name	Gender	Date of Joining
Sudip Sarkar	UGC-NET SRF	Prof. A. Misra	Male	12.09.2016
Soumik Das	UGC-NET SRF	Prof. A. Misra	Male	05.07.2018
Shreya Mahato	SVMCM	Dr. Bhaskar Biswas	Female	08.04.2019
Subhankar Kundu	SVMCM	Dr. Bhaskar Biswas	Male	12.03.2021
Nilankar Diyali	SVMCM	Dr. Bhaskar Biswas	Male	26.03.2021
Meena Chetri	SVMCM	Dr. Bhaskar Biswas	Female	26.03.2021
Ananya Debnath	SVMCM	Dr. Bhaskar Biswas	Female	26.03.2021
Rajani Kanta Mahato	State Fellowship	Dr. Bhaskar Biswas	Male	11.11.2019
Anirban Mandal	UGC	Dr. Sajal Das	Male	09.07.2020
Gautam Chettri	SVMCM	Dr. Sajal Das	Male	02.01.2020
Tapas Dey	SVMCM	Dr. Sajal Das	Male	13.03.2021
Arindam Das	SVMCM	Dr. Md. Firoj Hossain	Male	01.01.2020
Sovan Dey	CSIR	Dr. Md. Firoj Hossain	Male	13.03.2021
Sumit Chakraborty	SVMCM	Dr. Md. Firoj Hossain	Male	14.03.2021
Chayan Roy	RGNF	Dr. Nitish Roy	Male	Jan 2021
N Sherpa Dorzi	JRF-CSIR	Dr. Nitish Roy	Male	Jan 2021
Sahin Reja	SVMCM	Rajesh Kumar Das	Male	02.01.2019
Kaushik Sarkar	UGC-JRF	Rajesh Kumar Das	Male	17.07.2019
Ku Paramanik	CSIR-JRF	Dr. Hari Sankar Das	Male	10.08.2020
Gayetri Sarkar	SVMCM	Dr. Hari Sankar Das	Female	12.03.2021
Pranesh Rai	SVMCM	Prof. B. Sinha	Male	03.01.2019
Sailesh Chettri	SVMCM	Prof. B. Sinha	Male	02.01.2019
Sudarshan Pradhan	SVMCM	Prof. B. Sinha	Male	02.01.2020
Pritika Gurung	SVMCM	Prof. B. Sinha	Female	02.01.2020
Anmol Chettri	UGC/JRF	Prof. B. Sinha	Male	02.02.2020

Details of Project Scholar:

Name	Project	Supervisor's Name	Gender	Date of Joining	Date of Registration
Sriparna Roy	SERB	Prof. Anirban Misra	Female	19.08.2020	NA

Details of PhD Students (Without Fellowship):

Name	Supervisor's Name	Gender	Date of Registration
Prodipta Sarbadhikary	Prof. Anirban Misra	Female	24.08.2016
Tanushree Sutradhar	Prof. Anirban Misra	Female	07.01.2017
Manoswita Homray	Prof. Anirban Misra	Female	07.01.2016
Subhajit Saha	Prof Bhaskar Biswas	Male	N.A
Subham Mukherjee	Prof. Bhaskar Biswas	Male	N.A
Suvojit Roy	Prof. Bhaskar Biswas	Male	03.11.2020
Chanchal K. Pal	Prof. Bhaskar Biswas	Male	20.1.2020
Prafullya Kumar Mudi	Prof. Bhaskar Biswas	Male	20.1.2020
Aritra Kumar Nandi	Dr. Sajal Das	Male	04.12.2020
Tapas Das	Dr. Sajal Das	Male	04.12.2020
Arun Kumar Hajra	Dr. Sajal Das	Male	NA
Sanjay Roy	Dr. Sajal Das	Male	NA
Supriyo Kumar Barman	Dr. Nitish Roy	Male	NA
Pranay Chandra Mondal	Dr. Nitish Roy	Male	NA
Aniruddha Paik	Dr. Sujoy Rana	Male	NA
Subhajit Sarkar	Rajesh Kumar Das	Male	26.04.2021
Souvik Chatterjee	Dr. Hari Sankar Das	Male	NA
Madan Rajbanshi	Dr. Sudhir Kumar Das	Male	NA
Ziaur Rahman	Dr. Sudhir Kumar Das	Male	NA
Uttam Kumar Singha	Prof. B. Sinha	Male	27.11.2020
Dhruba Jyoti Roy	Prof. B. Sinha	Male	19.07.2021

Details of Seminars/Conferences/Webinar Organized:

Name of the Seminar/Conference/Webinar	Date	No. of Participants
One day International Seminar on Frontier in Chemistry 2020 on Virtual Mode	01.10.2020	300
International Conference on Confluence of Chemistry and Biology: Exploring New Frontiers on Virtual Mode	12.10.2020	700
One-day International Seminar on "Recent Trends in Chemistry - 2020" on Virtual Mode	16.10.2020	350
Women Scientist in Chemical Science	05.11.2020	200
An invited talk by Dr. Satyapriya Bhandari, DST-Inspire Faculty, Department of Chemistry, NBU, Title: 10 Years of Quantum Dot-Complex	15.12.2020	160

Details of Seminar/Conferences /Webinar Attended by Faculty:

Name	Name of the Seminars/Conferences	Date
Prof. B. Sinha	Two Days National Web-Based Conference on Environmental Determinism, Diverse Pollutions, Sources, and Controlling Management Through Sciences and Humanities, organised by Alipurduar University	22-23.03.2021
	Two-Day National Webinar on ‘Research Structuring, Statistical Insights & Publication Strategies’ organised by NFED, Coimbatore	26-27.09.2020
	Webinar on “What does trustworthy peer review look like?” organized by Royal Society of Chemistry on 23 rd September 2020, organised by Royal Society of Chemistry	23.09.2020
	One Day National Webinar on ‘Recent Advances in Fluorescence Spectroscopy, organised by Department of Chemistry, VU	23.09.2020

Details of Seminar/Conferences /Webinar Attended by Research Scholar:

Name of the Students	Name of the Seminars/Conferences	Date
Kaushik Sarkar	Prof. Asim Bothra Memorial webinar, organised by Bioinformatics Center, NBU	30.09.2020
Kaushik Sarkar	Emerging field of chemistry and biomedical research, organised by, Department of Chemistry, CBPBU	06-07.08.2020
Kaushik Sarkar	National Webinar on Scientific Approaches towards covid-19 pandemic, organised by Chandidas Mahavidyalaya	02.08.2020
Kaushik Sarkar	Material characterization techniques, organised by Chitkara University Research and Innovative Network	20-22.07.2020
Kaushik Sarkar	International web Conference on recent advances in science (IWCRAS 2020), organised by Don Bosco College	30-31.07.2020
Kaushik Sarkar	A One-day International Inter-Disciplinary Webinar on Decoding covid-19 and allied issues, organised by Islampur College	08.09.2020
Kaushik Sarkar	One Day Online National Seminar on Chemistry of Health & Wellness, organised by Dr. Meghnadsaha College	06.07.2020

Name of the Students	Name of the Seminars/Conferences	Date
Kaushik Sarkar	National webinar on application of spectroscopy in analytical chemistry, organised by Kokrajhar Govt. College	14.08.2020
Kaushik Sarkar	One-day International Webinar “Recent Advances in Therapeutic Use of Chemical Compounds and Drug Delivery”, organised by Mugberia Gangadhar Mahavidyalaya	02.08.2020
Kaushik Sarkar	ACS on Campus, organised by American Chemical Society	10.08.2020
Kaushik Sarkar	Recent Trends in Chemistry and its Application, organised by Alipurduar College	07.08.2020
Kaushik Sarkar	International Webinar on Covid-19: Facts on the bench-Where are We?, organised by Kalipada Ghosh Tarai Mahavidyalaya	31.08.2020
Kaushik Sarkar	National Webinar on Dengue and its Prevention, organised by Bankura Sammilani College	04.08.2020
Sahin Reja	Recent Advances in Fluorescence Spectroscopy, organised by Department of Chemistry, VU & CRSI Kharagpur Chapter	23.09.2020
Sahin Reja	Recent Trends in Chemistry-2020, organised by Department of Chemistry, NBU	16.10.2020
Sahin Reja	One Day International Seminar (Virtual Mode) “Frontiers in Chemistry 2020”, organised by Department of Chemistry, NBU	01.10.2020
P. K. Mudi	National Seminar on “Frontiers in Chemistry 2020”, organised by Department of Chemistry, NBU	05.03.2021
Sailesh Chettri	Material Chemistry- Today and Tomorrow, organised by Indian Chemical Society, Kolkata and Department of Chemistry, Jadavpur University	28.02.2021 to 01.03.2021

Publications:

Name of the Author	Publication Details	Year
Prof. A. Misra		
T. Sutradhar and A. Misra	<i>J. Phys. Chem. A</i> , 125, 2436–2445	2021
S. Sarkar, S. Paul and A. Misra	<i>Chem. Phys. Imp.</i> 1, 10002	2020

Name of the Author	Publication Details	Year
T. Sutradhar and A. Misra	<i>RSC Adv.</i> 10, 40300-40309	2020
S. Das, M. Homray and A. Misra	<i>Chemistry Select</i> , 40, 12586-12589	2020
Prof. Pranab Ghosh		
Singha, R., Islam, A. & Ghosh, P.	One-pot three-component tandem annulation of 4-hydroxycoumarine with aldehyde and aromatic amines using graphene oxide as an efficient catalyst. <i>Sci Rep</i> 11, 19891 (2021)	2021
Singha, R., Chettri, S., Brahman, D. Sinha, B., Ghosh, P.	Environmentally benign approach towards C–S cross-coupling reaction by organo-copper(II) complex. <i>Mol Divers</i> (2021)	2021
G. C. Pariyar and P. Ghosh	Enzyme-catalyzed synthesis of bioactive heterocycles, <i>Physical Sciences Reviews</i>	2021
G. Karmakar, K. Dey, P. Ghosh, B. K. Sharma, S. Z. Erhan	A Short Review on Polymeric Biomaterials as Additives for Lubricants, <i>Polymers</i> , 13(8), 1333;	2021
B. Mitra and P. Ghosh	Microwave-assisted C-C and C-Heteroatom Bond Formations in an Aqueous Medium, Vol 8, Issue 2, 2021, 128 – 136.	2021
Basak P., Ghosh P.	Green Organocatalysis. In: Anilkumar G., Saranya S. (eds) <i>Green Organic Reactions. Materials Horizons: From Nature to Nanomaterials</i> . Springer, Singapore	2021
B. Mitra, P. Ghosh	Humic acid: A Biodegradable Organocatalyst for Solvent-free Synthesis of Bis(indolyl)methanes, Bis(pyrazolyl)methanes, <i>Bis-coumarins and Bis-lawsones</i> , Volume 6, Issue 1, 2021, 68-81.	2021
B. Saha, B. Mitra, S. Mukherjee, R. Subba, D. Brahmin, B. Sinha and P. Ghosh,	Organo-Cu (II) catalyst: an efficient synthesis of substituted n-heterocycles via double condensation/ tandem oxidationcyclization / elimination-cyclization reactions from easily accessible precursors, <i>rasāyanj. Chem.</i> , Vol. 14, No.3, 2021.	2021
P. Basak, S. Dey and P. Ghosh	Convenient one-pot synthesis of 1,2,4-oxadiazoles and 2,4,6-triarylpyridines using graphene oxide (GO) as a metal-free catalyst: importance of dual catalytic activity, <i>RSC Adv.</i> , 2021, 11 , 32106-32118	

Name of the Author	Publication Details	Year
P. Basak and P. Ghosh,	Green Organic Transformations: Novelty of Graphene Oxide (GO) and Sulfonated Graphene Oxide (SGO), Volume 8, Issue 1 , 2021, 28 – 45.	2021
Mitra B., Pariyar G. C., Ghosh P.	Environmentally Benign Organic Solvent: A Green Approach. In: Anilkumar G., Saranya S. (eds) Green Organic Reactions. <i>Materials Horizons: From Nature to Nanomaterials</i> . Springer, Singapore.	2021
Ghosh P.	One-pot Three-component Solvent-free Tandem Annulations for Synthesis of Tetrazolo[1,2- <i>a</i>]pyrimidine and [1,2,4]triazolo[1,5- <i>a</i>]pyrimidine, K. Dutta, B. Mitra, B. S. Sharma and P. Ghosh, ChemistrySelect, accepted on 15.12.2021	2021
Prof. B. Sinha		
B. Saha, B. Mitra, S. Mukherjee, R. Subba, D. Brahmin, B. Sinha and P. Ghosh	Organo-Cu (II) Catalyst: An Efficient Synthesis of Substituted N-Heterocycles via Double Condensation/Tandem Oxidation-Cyclization/ /Elimination-Cyclization Reactions from Easily Accessible Precursors, <i>Rasayan. J. chemistry</i> , 14(4) 2406-2412	2020
A. Kamath, D. Brajman, S. Chhetri, B. Sinha	[Diaquo{bis(p-hydroxybenzoato-κ1O)}(1-methylimidazole- κ1N1)}copper(II)]: Synthesis, crystal structure, catalytic activity and DFT study, <i>Journal of Molecular Structure</i> , 1247(5) (2021) 131323	2021
B. Sinha, M. Bhattacharya, S. Saha, S. Saha	Spectroscopic Studies and Antimicrobial Evaluation of New Mixed Ligand Mn (II), Ni (II), Cu (II) Complexes Synthesized from an Ionic Liquid-Supported Schiff Base and 1-Methyl Imidazole, <i>Polycyclic Aromatic Compounds</i> , 2021	2021
A. Das, D. K. Mishra, P. Gurung, V. K. Dakua, B. Sinha	DNA Binding and DNA Cleavage Activities of Newly Synthesized co(II) and cu(II) Complexes of a β-Cyclodextrin Based Azo-Functionalized Schiff Base. <i>Australian Journal of Chemistry</i> 74(5) (2021) 341-350	2021

Name of the Author	Publication Details	Year
A. Chettri, S. Chettri, P. Rai, D. K. Mishra, B. Sinha, D. Brahman	Synthesis, characterization and computational study on potential inhibitory action of novel azo imidazole derivatives against COVID-19 main protease (M ^{Pro} : 6LU7), <i>Journal of Molecular Structure</i> , 1225 (2021) 129230.	2021
A. Chettri, S. Chettri, P. Rai, D. Brahman, B. Sinha	Exploration of Inhibitory Action of Azo imidazole Derivatives against COVID-19 Main Protease (M ^{Pro}): A Computational Study, <i>Journal of Molecular Structure</i> , 1224 (2021) 129178.	2021
S. Banerjee, P. Kar, I. Sarkar, A. Chhetri, D. K. Mishra, A. Dutta, A. Kumar, B. Sinha, A. Sen	Structural elucidation and chemical characterization of underutilized fruit silverberry (<i>Elaeagnus pyriformis</i>) silver nanoparticles playing a dual role as anti-cancer agent by promoting apoptosis and inhibiting ABC transporters, <i>South African Journal of Botany</i>	2021
P. Kar, D. K. Mishra, A. Roy, A. K. Chakraborty, A. Sen, B. Sinha	Elucidation of phytomedicinal efficacies of <i>Clerodendrum inerme</i> (L.) Gaertn. (Wild Jasmine), <i>South African Journal of Botany</i> , 2020	2020
R. Singha, D. Brahman, S. Chettri, B. Sinha, P. Ghosh	Environmentally benign approach towards C–S cross-coupling reaction by organo-copper(II) complex. <i>Molecular Diversity</i>	2021
R Singha, D Brahman, B Sinha, P Ghosh	A greener and sustainable approach towards the synthesis of propargylamine using multicomponent A ³ -coupling reaction. <i>Asian Journal of Green Chemistry</i> 5 (2021) 91-11	2021
Prof. B. Biswas		
M Shit, S Maity, S Bera, P K Mudi, B Biswas, T Weyhermueller, P Ghosh	Nickel(II) di-aqua complex containing water cluster: Synthesis, X-ray structure and catecholase activity, <i>New Journal of Chemistry</i> , 45 (2020) 2221-2227 (I.F. 3.591)	2021
S Roy, P Paul, M Karar, M Joshi, S Paul, A R Choudhury and B Biswas	Cascade Detection of Fluoride and Bisulphate Ions by Newly Developed Hydrazine Functionalised Schiff Bases, <i>Journal of Molecular Liquids</i> , 326 (2021) 115293	2021
S Mahato, N Meheta, K Muddukrishnaiah, M Joshi, M Shit, A R Choudhury and B Biswas	Synthesis, Supramolecular Structure, Polyphenol Oxidase Mimics and Bactericidal Activity of a Zinc(II)-Schiff Base Complex, <i>Polyhedron</i> , 194 (2021) 114933	2021

Name of the Author	Publication Details	Year
R.K. Mahato, A.K. Mahanty, S Paul, V Gopal, B Perumalsamy, G Balakrishnan, T Ramasamy, D Dharumadurai and B Biswas	Catalytic Oxidative Coupling of o-Phenylenediamine, In-vitro Antibacterial and Antitumor Activities of a Gold(III)-Bipyridine Complex, <i>Journal of Molecular Structure</i> , 1223 (2021) 129264	2021
S Mahato and B Biswas	A Copper(II)-Schiff base Complex: Synthesis, Structural Characterization and Catalytic Oxidative Coupling of 2-Aminophenol, <i>Journal of Indian Chemical Society</i> , 97 (2020) 849-856	2020
B Chowdhury, S S Pradhan, H S Das, B Biswas	Visible Light Induced Photocatalytic Dye Degradation by Cobalt Oxide Nanoparticles, <i>Fine Chemical Engineering (FCE)</i> 02 (2020) 113-126	2020
S Das, S Diyali, G. Vinothini, B Perumalsamy, G Balakrishnan, T Ramasamy, D Dharumadurai, B Biswas	Synthesis, Morphological Analysis, Antibacterial Activity of Iron Oxide Nanoparticles and the Cytotoxic Effect on Lung Cancer Cell line, <i>Heliyon</i> , 06 (2020) e04953	2020
Dy Dey, A Al-Hunaiti, G. Vinothini, B Perumalsamy, G Balakrishnan, T Ramasamy, D Dharumadurai and B Biswas	C-H Functionalization of Alkanes, bactericidal and antiproliferative studies of agold(III)-phenanthroline Complex in, <i>Journal of Molecular Structure</i> , 1222 (2020) 128919	2020
S Mahato, N Meheta, K. Muddukrishnaiah, M Joshi, P Ghosh, M Shit, A R Choudhury, B Biswas	Ligand Directed Synthesis of a Unprecedented Tetragonal bipyramidal Copper(II) Complex and its Catalytic Role in Oxidative Dimerisation of 2-Aminophenol, <i>Applied Organometallic Chemistry</i> , 34 (2020) e5935	2020
S Mukherjee, S Roy, S Mukherjee, B Biswas	Oxidative Dimerisation of 2-Aminophenol by a Copper(II) Complex: Synthesis, Non-covalent interactions and Bio-mimics of Phenoxazinone Synthase Activity, <i>Journal of Molecular Structure</i> , 1217 (2020) 128348.	2020
C K Pal, S Mahato, M Joshi, S Paul, A R Choudhury, B Biswas	Transesterification Activity by a Zinc(II)-Schiff Base Complex with Theoretical Interpretation, <i>Inorganica Chimica Acta</i> 506 (2020) 119541	2020
M. Karar, P. Paul, B. Biswas, T. Majumdar, A. Mallick,	Excitation wavelength as logic operator, <i>Journal of Chemical Physics (AIP)</i> , 152 (2020) 075102.	2020

Name of the Author	Publication Details	Year
P K Mudi, R K Mahato, M Joshi, S Paul, A R Choudhury, B Biswas	Synthesis and Structural Characterization of a Linkage Isomer to a Mononuclear Nickel(II) Complex: Experimental & Computational Depiction of Phosphoesterase Efficiency, <i>Journal of Molecular Structure</i> , 1200 (2020) 127083	2020
P.K. Mudi, N. Bandopadhyay, M. Joshi, M. Shit, S. Paul, A.R. Choudhury, B. Biswas	Schiff Base Triggering Synthesis of Copper(II) Complex and its Catalytic Fate towards Mimics of Phenoxazinone Synthase Activity, <i>Inorganica Chimica Acta</i> , 505 (2020) 119468	2020
Dr. Sajal Das		
P. Ghosh, G. Chhetri, S. Das.	<i>RSC Advances</i> .2021, 11 , 10258-10263 [IF=3.361]	2021
P. Ghosh, B. Ganguly, S. Das	<i>Org. Biomol. Chem.</i> 2021, 19 , 2146-2167 [IF=3.876]	2021
B. Mondal, P. Ghosh, M. Kundu, T. Das, S. Das	<i>Org. Biomol. Chem.</i> 2021, 19 , 1604-1609 [IF=3.876]	2021
B. Mondal, P. Ghosh, M. Kundu, S. Das	<i>Org. Biomol. Chem.</i> 2021, 19 , 360-364 [IF=3.876]	2020
P. Ghosh, B. Ganguly, S. Das	<i>Org. Biomol. Chem.</i> 2020, 18 , 4497-4518 [IF=3.876]	2020
P. Ghosh, S. Das.	<i>SynOpen</i> . 2020, 4, 33-37	2020
P. Ghosh, S. Das,	<i>Synth. Commun.</i> 2020, 50, 2266-2312 [IF=1.796]	2020
Dr. Md. Firoj Hossain		
R N Yadav, S Chandra, A Paniagua, Md. F Hossain and B K Banik	<i>Aust. J. Chem.</i> (https://doi.org/10.1071/CH19670)	2020
Md. F Hossain, A Lemmerer and C B. de Koning	<i>Arkivoc</i> (https://doi.org/10.24820/ark.5550190.p011.313)	2020
Md. Firoj Hossain, Arindam Das, Sovan Dey, Sumit Chakraborty, Anup Barman, Ashim Sen, and Rinku Chakrabarty	<i>J. Indian Chem. Soc.</i> 97	2020
Sovan Dey, Arindam Das and Md. Firoj Hossain	<i>ChemistrySelect</i>	2020
Sangharaj Diyali, Ayon Kanti Mohanty, Subhajit Sarkar, Md. Firoj Hossain, Biplab Bhowmik and Bhaskar Biswas	<i>Advanced Chemicobiology Research</i> (http://ojs.wiserpub.com/index.php/ACBR/)	2021

Name of the Author	Publication Details	Year
Dr. Sujoy Rana		
S Rana, J P Biswas, S Paul, A Paika and D Maiti	<i>Chemical Society Reviews</i> , Volume-50, Page-243-472, Impact Factor: 54.564	2021
G. Coin, R. Patra, Sujoy Rana; J. P. Biswas, P. Dubourdeaux, M. Clémancey, S. P. de Visser, D. Maiti, P. Maldivi, and J-Marc Latour	<i>ACS Catalysis</i> , Volume-10(17), Page-10010-10020	2020
Dr. Hari Sankar Das		
B Chowdhury, S S Pradhan, H S Das, B Biswas	<i>Fine Chemical Engineering</i> , 2020, 1, 104-117 Impact factor:NA	2020
P K Mudi, R K Mahato, M Joshi, M Shit, A R Choudhury, H S Das, B Biswas	<i>Applied Organometallic Chemistry</i> , 2021, 35, e6211, Impact factor: 4.105	2021
Dr. Sudhir Kr. Das		
P. Pramanik, S. K. Das, M. Halder	J. Phys. Chem. C 2020, 124, 4791-4801 Impact factor: 4.2	2020
Q. Pramanik, R. K. Sahu, S. K. Das, M. Halder	Phys. Chem. Chem. Phys. 22 (48), 28045-28054 Impact factor: 3.7	2020
Dr. Satyapriya Bhandari		
Pramanik, S.; Manna, M.; Hudait, B.; Roy, S.; Bhandari, S.	Physical Insights into Facilitation of an Unprecedented Complexation Reaction on the Surface of a Doped Quantum Dot Leading to White Light Generation/ <i>Phys. Chem. Chem. Phys.</i> /23, 9860-9866. (Impact Factor –3.676)	2021

Research Projects Details:

Title of the Project	Name of the PI	Project Duration	Sponsored by	Year of Sanction	Project Budget (Rs.)
Designing of Smart Molecules and Materials by Correlating Optical, Magnetic and Transport Properties through Electronic Structure Analysis	Prof. Anirban Misra	3 years	SERB-DST	2020	36,25,670

Title of the Project	Name of the PI	Project Duration	Sponsored by	Year of Sanction	Project Budget (Rs.)
Design and synthesis of coordination driven smart functional molecules and their bio-mimetic and electrocatalytic aspect in hydrogen evolution reaction (HER)	Prof. Bhaskar Biswas	3 years	SERB-DST	2021	47,04,000
Design, synthesis, biological activity and sensing performance of coumarin/quinoline based electron donor-accepter systems	Dr. Md. Firoj Hossain	2 years	UGC, New Delhi	2019	10,00,000
Synthesis of transition metal complexes and it's biological activity	Dr. Rajesh Kr. Das	3 years	UGC	2020	10,00,000
Structure-Properties Relationships of Sodium Ion Electrolytes Based on Hydrophobic Ionic Liquids and Deep Eutectic Solvents	Dr. Sudhir Kr. Das	2 years	SERB	2019	28,10,000
Nano Groups of Uniform Materials Based on Organic Salts (Nano-GUMBOS) and Their Nanocomposites with Inorganic Materials: Design, Synthesis and Photophysics	Dr. Sudhir Kr. Das	3 years	SERB	2019	48,30,120
Schiff base triggered aggregation induced enhance emission and white light generation through Foster resonance energy transfer in between organic and inorganic nano hybrids	Dr. Sudhir Kr. Das	3 years	UGC	2019	10,00,000
Complexation on the Surface of Metal Halide Perovskite	Dr. Satyapriya Bhandari	5 years	DST	2018	35,00,000

Title of the Project	Name of the PI	Project Duration	Sponsored by	Year of Sanction	Project Budget (Rs.)
Nanocrystals for Application as Energy Materials					
Synthesis of Pd-NHC Complexes and Their Applications in Organic Transformations	Dr. Sajal Das	1 year	NBU	2020	1,50,000
Structure-Property-Relationship of Functional Materials, Energy Conversion, and Catalytic Activity Tracking	Dr. Nitish Roy	1 year	NBU	2020	1,50,000
Studies of the adsorption dynamics of CO ₂ on photocatalyst surfaces and subsequent conversion into value added chemicals under light irradiation	Dr. Nitish Roy	3 years	SERB	2019	3629000
Design of Photocatalysts/Photoelectrodes for Z-scheme Based Complete Water Splitting Using Solar Light,	Dr. Nitish Roy	2 years	UGC start-up grant	2020	1000000
Merging of Visible Light Photo redox and Bio-inspired Catalysis for C-H Functionalization	Dr. Sujoy Rana	2 years	SERB	2019	2708499
Merging of Photo catalysis with Bio-inspired and Organometallic Catalysis for Synthetic Transformation	Dr. Sujoy Rana	2 years	UGC	2020	10,00000
Phenalenyl and quinonoid radical mediated electrocatalytic reduction of carbon dioxide into valuable organic molecules	Dr. Hari Sankar Das	3 years	SERB	2019	40,34,000
Phenalenyl and quinonoid radical mediated catalytic	Dr. Hari Sankar Das	3 years	UGC	2020	10,00,000

Title of the Project	Name of the PI	Project Duration	Sponsored by	Year of Sanction	Project Budget (Rs.)
transformation of challenging organic functional groups using hydrosilanes					

Award Received by Faculties:

1. Prof. Anirban Misra received Membership of the National Academy of Sciences, India (NASI) in July 14, 2020
2. Dr. Satyapriya Bhandari received Outstanding Reviewer Award (2020) by Royal Society of Chemistry

Placement Details:

Sl. No.	Name of the student	Email of the Student	Name of the employer
1	Meherul Hoque	8972540978	TCGLS, Kolkata
2	Md Sabir	7001239392	PNB Bank, Malda
3	Raktima Saha	9434317965	Bangiya Gramin Bikash Bank
4	Ranjit Singh	9563123147	St. Alphonsus H.S. School, Kurseong
5	Jintu Mani Kalita	7636830771	Ajagar valley Academy, Assam

DEPARTMENT OF COMPUTER SCIENCE AND APPLICATION

About the Department:

The Department of Computer Science and Application, NBU started imparting instructions with the most modern curricula and syllabus to the students of Post Graduate Diploma in Computer Application Course in the year 1983 initially. In 1998, the Department started MCA Course in the year 1998. The Department is the oldest Department among all other Universities, which started imparting MCA Course in West Bengal. Presently the Department is successfully running MCA & M.Sc. Computer Science Courses.

The Department of Computer Science & Application has been one of the pioneering academic institutions for higher education, research, and innovation in key areas of computer science and application. The mission and vision of the Department is to enable excellences in the world of computer science and application through imparting higher education and research. Students of this Department showed their potentiality in their respective services and placed in various reputed industries.

The Department maintains an excellent teaching/learning and research environment with dedicated, qualified and dynamic faculties and well equipped laboratories. Apart from the teaching, faculties are very much active developing, guiding and conducting research oriented projects, articles related to Computer Science & Information Technology, books. The faculties also participate in various International and national Seminars, workshops, Symposiums and conferences of repute. Presently the Department is having Three Professors, five Asst. Professors and Seven Non-Teaching staffs constitute the faculty and non-teaching strength of the department.

Courses Offered:

- M. Sc. in Computer Science
- M. Phil
- MCA
- Ph. D.

Research Focus:

- Artificial Intelligence
- Image Processing
- Artificial Neural Network
- Soft Computing
- Data Mining
- GIS
- Character Recognition
- Expert Decision Support System
- Cryptography & Steganography
- High Performance Computing

Student Strength:

Course	Semester	Male	Female	Total	SC	ST	OBC-A	OBC-B	Gen
M.Sc.	1 st	9	6	15	4	1	1	2	7
	3 rd	10	4	14	3	1	-	4	6
MCA	1 st	17	7	24	4	1	1	4	14

Course	Semester	Male	Female	Total	SC	ST	OBC-A	OBC-B	Gen
	3 rd	17	7	24	6	-	2	7	9
	5 th	18	7	25	6	-	2	7	10

No. of Students Completed Degree:

Course	Year	Male	Female	Total
M.Sc.	2020-21	9	3	12
MCA	2020-21	18	8	26

Faculty Details:

Name	Qualification	Designation	Email
Dr. Sharad Sinha	Ph.D.	Asst. Professor	ssinha@nbu.ac.in
Dr. Swarup Das	Ph.D.	Asst. Professor	nbuswarup@gmail.com
Dr. Ardhendu Mandal	Ph.D.	Assoc. Professor	am.csa.nbu@nbu.ac.in
Dr. Rakesh Kumar Mandal	Ph.D.	Assoc. Professor	rakesh_it2002@yahoo.com
Dr. Mukta Majumder	Ph.D.	Asst. Professor	mukta_jgec_it_4@yahoo.co.in
Mr. JKM Sadique Uz Zaman	M.Tech.	Asst. Professor	jkmsadique@gmail.com
Mr. Md. Ajij	M.Tech.	Asst. Professor	mdajij@nbu.ac.in
Mr. Anil Tudu	M.E.	Asst. Professor	anil.cst@gmail.com
Dr. Mili Ghosh	Ph.D	Asst. Professor	mili.ghosh@nbu.ac.in

Details of Non-Teaching Staff:

Name	Qualification	Designation
Dr. Arghya Das	MCA, Ph.D.	Program Assistant
Mr. Tapan Chakraborty	M.P	Record Supplier
Mr. Manabendra Sarkar	H.S.	Office Assistant (Offc. Asst-C)
Mr. Chanchal Kumar Jha	H.S.	Lab Attendant (Lab. Attdt-C)

Details of Research Scholars:

Name	Fellowship Status	Supervisor's Name	Gender	Date of Joining
Subhro Sarkar	Univ. Fellowship	Dr. Ardhendu Mandal	M	05-05-2017
Shankar Roy	JRF	Dr. Ardhendu Mandal	M	02-01-2019

Details of PhD Students (Without Fellowship):

Name	Name of the Supervisor	Gender
Debangshu Chakraborty	Dr. I. Ghosh	Male
Arpita Das	Dr. I. Ghosh	Female
Arnob Sur	Dr. S. Das	Male
Dipanjana Moitra	Dr. Rakesh Kumar Mandal	Male
Pooja Yadav	Dr. Rakesh Kumar Mandal	Female
Manas Sarkar	Dr. Ardhendu Mandal	Male
Susreeta Sur	Dr. Rakesh Kumar Mandal	Female
Debanil Chanda	Dr. Rakesh Kumar Mandal	Male
Payel Saha	Dr. Rakesh Kumar Mandal	Female
Dechen Doma Bhutia	Dr. S. Das	Female
Rakesh Dutta	Dr. M. Majumder	Male

Details of Seminar/Conferences /Webinar Attended by Faculty:

Name of the Teacher	Name of the Seminars	Date	Title of the Paper Presented
Dr. S. Sinha	Webinar on Bachelor of Computer Application, organized by Centre for Innovative Studies, NBU	08.08.2020	Prospects of Natural Language Processing In India
Dr. Ardhendu Mandal	Foundation of Machine Learning for Data Science & Image Processing, organized by Gour Mahavidyalaya	17.08.2020	Fundamentals of Medical Image Processing

Publications:

Name of the Authors	Details of Book/Journal/Volume	Year
Dr. Ardhendu Mandal		
Sarkar, K., Halder, T.K. & Mandal, A	Adaptive power-law and cdf based geometric transformation for low contrast image enhancement. <i>Multimed Tools Appl</i> 80, 6329–6353.	2020
Mandal A., Saha D., Sarkar M.	COMSYS Follicle Segmentation Using K-Means Clustering from Ultrasound Image of Ovary. <i>Advances in Intelligent Systems and Computing</i> , vol 1255. Springer, Singapore.	2020

Name of the Authors	Details of Book/Journal/Volume	Year
A. K. Das, S. K. Biswas, A. Mandal and M. Chakraborty	A Neural Expert System to Identify Major Risk Factors of Breast Cancer	2020
Akhil Kumar Das, Saroj Kr. Biswas and Ardhendu Mandal	Transparent Decision Support System for Breast Cancer (TDSSBC) to Determine the Risk Factor.”, 2020 IEEE International Conference for Innovation in Technology (INOCON), Machine Vision and Augmented Intelligence—Theory and Applications	2020
Dr. Rakesh Kumar Mandal		
Rakesh Kumar Mandal	“A Prototype Model to Detect Elephants near the Railway Tracks”, <i>Advances in Modelling and Analysis B</i> Vol. 63, No. 1-4, pp. 7-9	2020
Dr. Mukta Majumder		
Saha, B., & Majumder, M	“An optimized knight traversal technique to detect multiple faults and Module Sequence Graph based reconfiguration of microfluidic biochip”, <i>IET Computers & Digital Techniques</i> , 15(1), 1-11, Wiley.	2020
Anil Tudu		
Anil Tudu	"Personalized query recommendation system: A genetic algorithm approach." <i>Journal of Interdisciplinary Mathematics</i> 23, no. 2 (2020): 523-535.	2020

DEPARTMENT OF FOOD TECHNOLOGY

About the Department:

To meet the vision of generating trained human resources and skilled intellectuals in various aspects of food technology to meet the needs of food industry sector, economic growth and to provide health and safety that would support the prosperity and wellness of people, the Department of Food Technology, NBU started its journey in 2nd August, 2019.

Food Technology is one of the major streams in the branch of science that deals with the novel techniques involved in producing, bioprocessing, preservation, fermentation, packaging, labelling, quality management, safety assessment, marketing and entrepreneurship of food products. It involves an amalgamation of physical, chemical or microbiological processes and the techniques of transforming raw ingredients into food and also other forms in the food processing industry.

Apart from the scheduled academic activities, the Department also organizes seminar, symposium, conferences and training programs for students and research scholars in near future to disseminate and gain knowledge.

Courses Offered:

- M. Sc.
- Ph. D.

Research Focus:

- Probiotics
- Value addition of food
- Health benefits of fermented foods
- Organic methodology
- Synthesis of Bioactive heteromolecules
- Phytochemistry of medicinal plant

Student Strength:

Course	Year	Male	Female	Total	SC	ST	OBC-A	OBC-B	Gen
M. Sc.	2020	11	06	17	04	01	-	-	12

Faculty Details:

Name	Qualification	Designation	Email
Dr. Kriti Ghatani	M.Sc., M.Phil., Ph. D.	Asst. Professor	ghatanik@nbu.ac.in
Dr. Gyan Chandra Pariyar	M.Sc, CSIR-JRF, Ph.D	Asst. Professor	pariyarg@nbu.ac.in

Details of Non-Teaching Staff:

Name	Qualification	Designation
Mr. Biswarup Singha	H.S.	Office Assistant (Casual)
Mr. Soumen Das	Madhyamik	Peon (Mandays)

Details of Research Scholars:

Name	Fellowship Status	Supervisor's Name	Gender	Date of Joining
Arpan Rai	SVMCM	Dr. G C Pariyar	Male	29.01.2020
Priya Chakraborty	SVMCM	Dr. Kriti Ghatani	Female	29.01.2020
Subarna Thapa	DST-SERB Project	Dr. Kriti Ghatani	Female	29.01.2020

Details of Project Scholar

Name	Projects	Supervisor's Name	Gender	Date of Joining
Subarna Thapa	DST-SERB Project	Dr. Kriti Ghatani	Female	19.03.2020

Details of Webinar Organised:

Name of Webinar	Date	Number of participants
Recent Trends in Research on Food, Nutrition and Health	19 th March, 2021 (online)	55

Details of Seminar/Conferences /Webinar Attended by Faculty:

Name	Name of the Seminars	Date	Title of the paper presented
Dr. Kriti Ghatani	International conference on Environment and Society, organized by ABRF and GESA	26-28.12.2020	Delivered lecture on Livelihood management and sustainable development of ethnic communities of Sikkim Himalayas with reference to traditional foods

Publications:

Name of the Author	Details of Book/Journal/Volume	Year
Dr. Gyan Chandra Pariyar	<i>RSC Advances</i> Vol 11	2021

Name of the Author	Details of Book/Journal/Volume	Year
Dr. Gyan Chandra Pariyar	<i>Green Organic Reactions</i> , Springer, ISBN: 978-981-336-896-5	2021

Research Projects Details:

Title of the Project	PI	Project Duration	Sponsored by	Year of Sanction	Budget (Rs.)
Production of functional pickle by probiotic strain isolated from plant based fermented foods	Dr. Kriti Ghatani	3 years	DST-SERB	2020	45,99,144
Evaluation of efficacy and safety of indigenous probiotic strains having hypocholesterolaemic property	Dr. Kriti Ghatani	1 year	NBU	2019	1,50,000
Selection of Bacterial enzyme for industrial application from Doi, an ethnic Fermented Milk product of North Bengal.	Dr. Kriti Ghatani	1 year	NBU	2020	1,50,000
Studies on environmentally benign synthesis of biologically active heterocyclic compounds and exploring their biological activities	Dr. G C Pariyar	1 year	NBU	2019	1,50,000
Development of protocol for construction of bioactive heterocyclic moiety	Dr. G C Pariyar	1 year	NBU	2020	1,50,000

Details of Visiting Fellow:

Sl. No	Name of the Visiting Fellow	Duration	Name of the University/Institute
1	Dr. Jarita Mallik	1 semester	Anand Agriculture University
2	Dr. Prashant Pandharinath Said	1 semester	College of Agriculture Engineering and Post-Harvest Technogy

DEPARTMENT OF GEOGRAPHY AND APPLIED GEOGRAPHY

About the Department:

The Department of Geography and Applied Geography, North Bengal University was established in the year 1962 along with the establishment of the University. The Department offers teaching in the post graduate level and also offers M.Phil. and Ph. D programme.

The Department caters to a huge peripheral hinterland from where large number of students and research scholars come to gain knowledge and research experience from the expertise of esteemed faculty members. The students from varied geographical regions comprising of the foothill as well as hilly terrain of Darjeeling-Sikkim Himalaya in the north, alluvium hill shade of Brahmaputra valley of Assam in the east, undulating topographic variation formed by Gangetic depositional alluvium of Bihar and Jharkhand tract in the west and flat type topographical situation ranging from Gangetic delta to Jangalmahal of southern part of West Bengal come to this Department.

The new syllabus under CBCS System has been introduced since the 2018-19 and special attention has been given to the different emerging and application oriented aspects in the new syllabus under the semester system including Geographical Information System, Remote Sensing and Disaster Management. The Department at present offers Post Graduate students' special courses in Applied Pedology, Cartography, Fluvial Geomorphology, Population Geography, and Urban Geography. The Department of Geography and Applied Geography at Jalpaiguri Campus of North Bengal University was started from 2013-14 session. Teachers from the main campus extends teaching to the students of the Department at Jalpaiguri Campus.

Courses Offered:

- M.A. / M. Sc.
- M. Phil.
- Ph. D.

Research Focus:

- Fluvial Geomorphology
- Pedology
- Agricultural Geography
- Population Studies
- Environmental Issues
- Fluvial Geomorphology
- Hydrology
- Remote Sensing & GIS

Student Strength:

Course	Year	Male	Female	Total	SC	ST	OBC-A	OBC-B	PH	Gen
Main Campus										
M.A./M.	Sem – I	20	41	61	25	5	6	6	1	18
Sc.	Sem - III	34	25	59	23	4	7	9	1	15

Course	Year	Male	Female	Total	SC	ST	OBC-A	OBC-B	PH	Gen
Jalpaiguri Campus										
M.A./M.	Sem – I	14	13	27	10	2	3	6	0	6
Sc.	Sem - III	12	8	20	6	2	4	3	0	5

Details of Course Completed by Students in 2020 - 21:

Course	Male	Female	Total	SC	ST	OBC-A	OBC-B	PH	Gen
Main Campus									
M. A. / M. Sc.	34	25	59	23	4	7	9	1	15
Jalpaiguri Campus									
M. A. / M. Sc.	12	8	20	6	2	4	3	0	5

Faculty Details:

Name	Qualification	Designation	Email
Dr. Subir Sarkar	Ph. D	Professor	subirsnbu@yahoo.co.in
Dr. Sushma Rohatgi	Ph. D	Professor	rohatgisushma@gmail.com
Dr. Deepak Kumar Mandal	Ph. D	Professor	deepakkrmandal@nbu.ac.in
Dr. Ranjan Roy	Ph. D	Professor	ranjanroygeog@nbu.ac.in
Dr. Indira Lepcha	Ph. D	Assoc. Professor	indiralepchanbu@nbu.ac.in
Dr. S K Bhattacharya	Ph. D	Asst. Professor	skbhatt2002@yahoo.co.in
Dr. Snehasish Saha	Ph. D	Asst. Professor	snehonbugeo09@nbu.ac.in
Dr. Arindam Basak	Ph. D	Asst. Professor	aribasak@nbu.ac.in
Dr. I Roy Chowdhury	Ph. D	Asst. Professor	irchowdhury_geo@nbu.ac.in
Dr. Rupak Kumar Paul	Ph. D	Asst. Professor	rupak@nbu.ac.in
Dr. Riti Moktan	Ph. D	Asst. Professor	driritimoktan@gmail.com
Dr. Surjapada Paul	Ph. D	Asst. Professor	surjapada@gmail.com

Details of Non-Teaching Staff:

Name	Qualification	Designation
Mr. Bhanu Basak	B.Com	Junior Superintendent
Mr. Kalyan Roy	B. Sc.	Tech. (Superintendent)
Mr. Pawan Kamtpi	VIII	Record Supplier
Mr. Surja Das	VIII	Lab. Attendant; Grade II
Mr. Biman Bagchi	VIII	Lab. Attendant, Grade II
Mr. Sumit Bhowmik	VIII	Junior Peon

Details of Research Scholars:

Name	Fellowship Status	Supervisor Name	Gender	Date of Joining
Biswajit Paul	UGC JRF	Prof. Subir Sarkar	Male	17.09.2017
Abhisek Sarkar	UGC-SRF	Prof. D. K. Mandal	Male	18.09.2017
Golap Hossain	UGC-JRF		Male	03.01.2019
Amit Sarkar	UGC-NFSC		Male	12.03.2021
Goutam Mandal	UGC-JRF		Male	11.03.2021
Dipesh Roy	UGC-JRF		Male	11.03.2021
Roshmi Bhattacharjee	SVMCMS		Female	02.01.2020
Pampi Ghosh	SVMCMS		Female	12/03/2021
Bandana Sarkar	SVMCMS		Female	11/03/2021
Punama Sen	UGC-JRF		Prof. Ranjan Roy	Female
Arjun Saha	UGC-JRF	Male		02.01.2019
Sangita Karmakar	UGC-JRF	Female		02.01.2019
Tapan Debnath	UGC-JRF	Male		02.01.2020
Krishna Barman	UGC NFSC	Male		12.03.2021
Maitreyee Roy	UGC NFSC	Female		11.03.2021
Abdul Halim Miah	UGC NFOBC-NFPWD	Male		30.11.2020
Tannistha Saha	UGC-JRF	Dr. Indira Lepcha		Female
Dipankar Chakraborty	UGC JRF		Female	11.03.2021
Harikala Chettri	SVMCM		Female	01.01.2020
Piu Saha	SVMCM	Dr. S K Bhattacharya	Female	11.03.2021
Purbasha Paul	UGC –JRF	Dr. Arindam Basak	Female	03.01.2019
Sushmita Singh	UGC –JRF		Female	03.01.2019
ArkadipBhowmik	SVMCM		Male	01.01.2020
Subham Dey Sarkar	SVMCM		Male	01.01.2020
AnusuaPoddar	SVMCM		Female	12.03.21
Parangama Chowdhury	SVMCM		Female	11.03.21
Arghadeep Bose	UGC JRF		Male	02/01/2020

Name	Fellowship Status	Supervisor Name	Gender	Date of Joining
Subham Roy	UGC JRF	Dr. Indrajit Roy Chowdhury	Male	11/03/2021
Guneswar Barman	UGC JRF		Male	11/03/2021
SuranjanMajumder	UGC JRF		Male	02/01/2020
ProsenjitKayal	UGC JRF		Male	30/11/2020
SubhamMustafi	UGC JRF		Male	02/01/2020
Raj Kumar Roy	UGC JRF	Dr. Rupak Kumar Paul	Male	11.03.2021
Shuva Das	UGC JRF		Male	11.03.2021
Mousumi Pal	UGC-JRF	Dr. Riti Moktan	Female	3/01/2019
Amar Nath	UGC-JRF		Female	12/03/2021
Angana Roy	SVMCM		Female	01/01/2020
Peyong Lama	SVMCM		Female	12/03/2021
Satyajit Das	UGC-JRF	Dr. Surjapada Paul	Male	09.04.2019
Deep Ghosh	UGC-NFOBC		Male	01.12.2020
NishikantaMajumdar	UGC-NFSC		Male	01.12.2020
Debasish Roy	UGC-NFSC		Male	11.03.2021

Details of Project Scholar

Name	Project	Supervisor's Name	Gender	Date of Joining
Kunal Chakraborty	DSTBT, West Bengal	Dr. Snehasish Saha	Male	05.09.2019

Details of PhD Students (Without Fellowship):

Name	Supervisor's Name	Gender	Date of admission in PhD Course Work
Amit Kumar Jana	Prof. Subir Sarkar	Male	-
Sreeparna Sarkar		Female	-
Manas Paul		Male	10.12.2012
Kaustabi Maitra		Female	07.05.2015
Partha Pratim Roy	Prof. D. K. Mandal	Male	17.12.2013
Sanjay Biswas		Male	23.09.2011
Rajib Mitra		Male	18.09.2017
Sunanda Das		Male	02.01.2020

Name	Supervisor's Name	Gender	Date of admission in PhD Course Work
Prasayna Sarkar		Male	03.01.2019
Dablu Barman		Male	11.03.2021
Suchitra Roy	Prof. Ranjan Roy	Female	18.09.2017
Anandananda Bera		Male	01.01.2020
Sampa Saha		Female	04.01.2019
Anindita Barman		Female	03.01.2019
Dipankar Das		Male	02.01.2019
Anwasha Saha		Dr. Indira Lepcha	Female
Nisha Tamang	Female		26.09.2011
Bijata Chettri	Female		-
Dewki Limbu	Female		17.09.2017
Sinor Lama	Male		03.01.2019
Sreyashi Ganguli	Dr. S K Bhattacharya	Female	26.09.2011
Tuhin Dey Roy	Dr. Arindam Basak	Male	02.01.2019
Jennifer Lama		Female	01.01.2020
TanmayThokdar	Dr. Snehasish Saha	Male	07.12.2012
Subrata Ghosh		Male	16.12.2013
Tapash Mandal		Male	16.12.2013
Debanjan Basak	Dr. I Roy Chowdhury	Male	02.01.2019
Debarati Chowdhury		Female	01.01.2020
Goutam Das	Dr. R K Paul	Male	03.01.2019
Subrata Mandal		Male	03.01.2019
Pintu Biswas		Male	04.01.2019
Swarna Kamal Kamrakar		Male	02.01.2020
Parvati Rai	Dr. Riti Moktan	Female	03.01.2019
Prahlad Paul	Dr. Surjapada Paul	Male	02.01.2020
Surajit Paul		Male	23.10.2021

Details of Seminar/Conferences /Webinar Attended by Faculty:

Name	Name of the Seminars/ Conferences	Date	Title of the paper presented
Prof. Ranjan Roy	Environment, Population and Development: Challenges & Opportunities, organised by Malda Women's College	18.10.2020	Population Growth and Environmental Sustainability in West Bengal with Special Reference to 2011 Census: Some Basic Issues

Name	Name of the Seminars/ Conferences	Date	Title of the paper presented
	Women, Environment and Sustainable Development, organised by Cluny Women's College	17.10.2020	Understanding the Linkages between Women, Environment and Sustainable Development Through Women Empowerment
	Geography in the Contemporary World, organised by The Geographical Society of Sundarbans	29.09.2020	Water Crisis and its Management in Darjiling Himalaya with Special Reference to Kalimpong Town
	Faculty Induction Programme, organised by UGC-HRD-NBU	21.12.2020	Sustainable Development
Dr. Indira Lepcha Nee Lama	One Week Online Faculty Development Programme on Open Source GIS software QGIS, organised by Bansur PG College, Rajasthan, K G Reddy College of Engineering & Technology, Hyderabad & IASE, Rajasthan	06-12.08.2020	North Bengal Covid 17 Case Health Bulletin
	Agriculture, Society & Sustainability, organised by Shyampur Siddheswari Mahavidyalaya	16.08.2020	Attended
	Impact of Global Warming on Environment and Human Health, organised by SS College for Women (Autonomous), Mysuru	25.08.2020	Attended
	Internal Webinar on Post Covid Global Economy: A Rethink on Strategies & Policy, organised by NBU	27-28.08.2020	Attended
	21 days Online GIS Training Using QGIS, organised by Central University of Karnataka jointly with Institute of Urban Development, Karnataka	7-27.09.2020	Attended

Name	Name of the Seminars/ Conferences	Date	Title of the paper presented
	Research Methodology Using SPSS Software, organised by Khawaja Moinuddin Chisti Language University, Lucknow	20- 21.10.2020	Attended
Dr. Snehasish Saha	Introduction to Sentinel Products and its Processing Tools, organised by Albedo Foundation	21.02.2021	Attended
	32 nd Annual Conference of IGI ‘Geomorphology for Human Adaptation to Changing Environment’, organised by Indian Institute of Geomorphologists	21- 23.01.2021	Slope Movement Assessment and Management
	32 nd Annual Conference of IGI ‘Geomorphology for Human Adaptation to Changing Environment’, organised by Indian Institute of Geomorphologists	21- 23.01.2021	Identification of the bank erosion signatures and its sub-types factorizing change in channel width: A Case Study of River Ganga in Malda District, West Bengal, India
	What’s Next on the Global Water Crisis?-Issues, Solutions and Hydrogrameen, organised by International Institute of Bengal and Himalayan Basins	06.12.2020	Attended
	Workshop on ‘La Tex for Students, Engineers and Professionals, organised by Albedo Foundation	16.10.2020	Attended
	Webinar ‘Emerging Issues and Challenges in Social Science: A Retrospect during the period of Covid 19 Pandemic’, organised by Maynaguri College	27.09.2020	A Retrospect on Global case- distribution pattern of COVID-19 Pandemics, the most unrelenting fate
	Webinar ‘Emerging Issues and Challenges in Social Science: A Retrospect during the period of Covid 19	27.09.2020	Attended

Name	Name of the Seminars/ Conferences	Date	Title of the paper presented
	Pandemic', organised by Maynaguri College		
Dr. Indrajit Roy Chowdhury	Quality During lockdown: Experience of West Bengal	02.10.2020	Attended
	Geographical Perspective of Water Resource and Challenges	16.07.2020	Attended
	International Webinar on Covid-19 Pandemic: A Geo Ecological Perspective	26- 27.09.2020	Attended
Dr. Rupak Kumar Paul	Two Days Online International Conference on Geography as a Discipline: Opportunities and Challenges, organised by Dewan Abdul Gani College	-	Change Detection in Hydrological Time Series Data
Dr. Surjapada Paul	International E-conference on 'Implications of COVID -19 on local and regional sustainable development: A global perspectives'	27- 28.06.2020	The Covid –19 and its effect on the livelihood of migrant labour in North Bengal: An analysis
	International E-Conference on Agriculture and Rural Development: Spatial Issues, Challenges and Approaches, organised by P.A.H Sholapur University	10.08.2020	Challenges of agricultural labourers and rural development of Alipurduar district: An analysis

Details of Seminar/Conferences /Webinar Attended by Students:

Name	Details of the Seminars/Conferences	Date
Presenjit Kayal	40 th INCA International Congress on digital Mapping Innovation in Make India Initiatives	10- 12.02.2021
	1 st International e-conferences on Implications of COVID-19 on local and regional Sustainable Development: A Global Perspective, organised by International Geographical Union, India	27- 28.06.2020
Subham Mustafi	40 th INCA International Congress on Digital Mapping Innovation in Make India Initiatives	10- 12.02.2021

Name	Details of the Seminars/Conferences	Date
Kunal Chakraborty	Webinar title:“Application of Geospatial Techniques in Hydrology” by Albedo Foundation	04.07.2020
	National webinar on “River Basin and its Influence on Surrounding Inhabitants”, organised by Ranaghat College	11.08.2020
	National webinar on “ Future Trends of Research in Geographical Studies”, organised by Heramba Chandra College	31.08.2020
	National webinar on Role of Geospatial Technology in Advance Geographical Research”, organised by Mizoram University	31.10.2020
	32 nd Annual Conference of the Indian Institute of Geomorphologists, organised by West Bengal State University	21-23.01.2021
Bhupesh Roy Pradhan	National webinar on ‘River basin and its influence on surrounding inhabitants’, organised by Ranaghat College	11.08.2020
Mantu Das	32 nd Annual Conference on Geomorphology for Human Adaptation to Changing Environment, organised by West Bengal State University	21-23.01.2021
	International Webinar on “Challenges of Climate Change and Sustainable Development Goals”, organised by Adamas University	29.06.2020
	Application of GIS-RS Based Techniques and Research Horizon in Geographical Studies, organised by Adamas University	20.06.2020
	Changing Geographies: Living with the Pandemic, organised by St. Xavier’s College, Burdwan	08.06.2020
	Webinar lecture on “Opportunities of MSME and Start-ups through the Economic Packages of Government of India”, organised by SAIARD	31.05.2020
	Panel Discussion on “The Science of Places: Exploring the Career Goals and Competencies of Future Geographers”, organised by Adamas University	31.05.2020
	Road Map of Future Geographers, 2020, organised by Adamas University	18.05.2020
	Application of Geospatial Techniques in Hydrology, organised by Albedo Foundation	07.07.2020
	Webinar on “Distinct Landforms of West Bengal: Alluvial Fans and Badlands”, organised by Vivekananda College for Women, Kolkata	31.07.2020
	Two-day Webinar series on Applications of Conceptual Hydrogeology, organised by Presidency University	05-06.2020

Name	Details of the Seminars/Conferences	Date
	National Webinar on “River Basin and its Influence on Surrounding Inhabitants”, organised by Ranaghat College	11.08.2020
	Webinar on “Remote Sensing and Resource Management”, organised by Guwahati College	13.07.2020
	International Webinar on “Resource Studies: A changing Paradigm in Social Sciences”, organised by IIARI	16.08.2020
Tapash Mandal	Two-Day International Webinar on Recent Advances in Environmental Research, organised by University of Gour Banga	24- 25.09.2020
Baidurya Biswas	'Earth Talks 2020': One Day International Webinar. Talk on Climate Change and Earth's Landscape, organised by Kazi Nazrul University	24.06.2020
	Vulnerability and Risk Reduction of Landslides Disaster with special reference to North East India, organised by Govt. Hrahthial College	01- 07.10.2020
	Our Cosmic Consciousness, organised by Servite Arts and Science College for Women, Tamilnadu	29.06.2020
	International Webinar on “Challenges of Climate Change and Sustainable Development Goals”, organised by Adamas University	29.06.2020
	Using Giga Pan for Remote Sensing’, organised by the Geological Society of America	23.06.2020
	Using Virtual Landscape for Remote Sensing’, organised by the Geological Society of America	30.06.2020
	International Webinar on ‘Global Health Crisis and Socio-Economic Impact of COVID-19: A Geographical Perspective’, organised by Rajiv Gandhi University, Arunanchal Pradesh	18.06.2020
Debarshi Ghosh	National Seminar on Geography & Development, organised by	13.03.2020
	32 nd Annual Conference on Geomorphology for Human Adaptation to Changing Environment, organised by West Bengal State University	21- 23.01.2021
Argha deep Bose	Passed a ten days online FDP certificate course on “Advancements in Environmental Remote Sensing and Machine Learning” conducted by Centre for Advanced Research in Environment and Remote Sensing (CAREER), Madurai, Tamil Nadu, India	xx.05.2020
	Passed a seven days online certificate course on “Basic of Remote Sensing, Geographical Information System (GIS) and Global Navigation Satellite System (GNSS)” sponsored by AICTE in collaboration with Francis Xavier Engineering College, Tirinelvei	21- 26.09.2020

Name	Details of the Seminars/Conferences	Date
	Passed a seven days online certificate course on “Research Methodology” jointly organized by GRABS Educational Charitable Trust and Tamil Nadu Association of Intellectuals and Faculty	05-11.05.2020
	Passed a four days online certificate course on “ Research Ethics and Publication Ethics” organized by Indian Academic Researchers Organization, Tamilnadu, India	12-15.04.2020
Subham Roy	Five-day National level workshop on “Thermal remote sensing & GIS” by IIARI, Kolkata	2020
	Workshop on “Basics of GIS” by Georation and Dibrugarh University,	2020
	Two days’ international workshop on “Getting familiar with ArcGIS: Use of ArcGIS in research” by Geospatial maple, Lucknow, 2020	2020
	Online training on I. “Spatial Data analytics (QGIS)”, II. “Training on QGIS beginner”, and III. “SPSS Basics”, by TGIS LAB, Ahmedabad, Gujarat	2020
	Four days online training program on “Agriculture based water pollution” by TERI school of advance studies, Delhi	2020
Suranjan Majumder	Reference Management Tools and Online Citation Database, organised by Indian Academic Researchers Association, Tiruchirapalli	xx.04.2020
	Geographical Perspectives of Water Resources: Issues and Challenges, organised by Russian Geographical Society and the National Association of Geographer, India	xx.07.2020
	SPSS Software & Research Methodology, organised by SAIARD & SPSS, South Asia	xx.09.020
	Contemporary Methodologies and Tools in Research, organised by Visva-Bharati	xx.10.2020
Prosenjit Kayal	International Climate Talk, organised by Youth Net for Climate Justice, Bangladesh and Bahugol o Praibesh, India	xx.06.2020
	Geographical Perspectives of Water Resources: Issues and Challenges, organised by Russian Geographical Society and the National Association of Geographer, India	xx.07.2020
	SPSS Software & Research Methodology, organised by SAIARD & SPSS, South Asia	xx.09.2020
Debarati Chowdhury	Contemporary Methodologies and Tools in Research, organised by Visva-Bharati	xx.10.2020

Publications:

Author	Name of the Book/Journal/Volume	Year
Prof. Subir Sarkar		
S. Sarkar and B. Paul	Interaction between Road Network Connectivity Pattern and Development in Darjeeling District of West Bengal, India, <i>Indian Journal of Landscape Systems and Ecological Studies</i> , Vol. 43 (1)	2020
S. Sarkar and D Chattoraj	Identification and Assessment of Avifaunal Diversity in and around Wetlands of Malda District, West Bengal, India, Geographical Thoughts, 2020, page 1-15 <i>Geographical Thought, University of North Bengal</i> , ISSN: 2229-466X, Volume: XVIII	2020
S. Sarkar et.al.	Morphological and sedimentological responses of small stream channels to extreme rainfall and land use in the Darjeeling Himalayas, Prokop, <i>Catena</i> 188 (2020) 104444, Elsevier B.V, Page 1-13,	2020
S. Sarkar and B. Paul	The contagion effect of Covid – 19 and public transportation system: conceptualizing the shifting paradigm in India , Book: <i>Covid-19 Pandemic Trajectory in the Developing World</i> , Ed. R.B. Singh & M. Misra ed; Springer, pp. 231-256; ISBN 978-981-33-6439-4; ISSN 2198-3542	2021
Prof. D K Mandal		
D K Mandal, R Mitra & G Hossain	Study on Topographical condition and Meandering Lower Course and its Impact of the Raidak-I and Turturi Interfluve, Book: <i>Applications of Geospatial Technology in Geomorphology and Environment</i> , Ed. D. K. Mandal and R. Roy. North Bengal University Press, ISBN: 978-81-925799p3-1, pp. 123-139	2020
D K Mandal and S Das	Status of development in different blocks of Jalpaiguri district, <i>Innovations</i> , No. 63 Issue 1, page 74-86	2020
D K Mandal and G Mandal	Modelling and mapping geospatial distribution of ground water potential zones in Darjeeling Himalayan region of India using analytical hierarchy process and GIS technique, <i>Modelling and Earth Systems and Environment</i> , pp. 1-22	2021
D K Mandal and J Alam	Assessing groundwater status and human perception in drought-prone areas: a case of Bankura-I and Bankura-II blocks, West Bengal (India). <i>Environmental Earth Sciences</i> , 80(18), 1-23	2021
Prof. Ranjan Roy		
R Roy and A Saha	A Spatio-Temporal Analysiso Urban Growth and Identification of Urban Sprawling of Siliguri Municipal Corporation, West Bengal, India. <i>Hill Geographer</i> , ISSN: 0970-5023, Vol 36, Issue 1	2020

Author	Name of the Book/Journal/Volume	Year
R Roy and S Karmakar	Agricultural Regionalization of Koch Bihar District, West Bengal: A Geographical Analysis. <i>Indian Journal of Spatial Science</i> , ISSN: 2249 – 3921, Vol 11, Issue 2	2020
R Roy and A Saha	Traffic Congestion and Urban Mobility: A Study in Siliguri Municipal Corporation (Smc), West Bengal, India. <i>Geographical Thoughts</i> , ISSN: 2229-466X, Vol. XVIII	2020
R Roy, S Karmakar and A Saha	Spatial Variation in Demographic Development in Koch Bihar District, West Bengal: An Inter Block Wise Appraisal. <i>IOSR Journal of Humanities and Social Science</i> , E-ISSN: 2279-0837, P-ISSN: 2279-0845, Vol. 25, Issue. 12	2020
R Roy and S Karmakar	Trends and Patterns of Female Work Participation in Koch Bihar District, West Bengal: An Analysis. <i>Journal of Kolkata Society for Asian Studies</i> , ISSN- 2454-5694, Vol. 6, No. 2.	2020
R Roy and S Karmakar	An Analysis of Crop Combination Regions- A Case Study of Cooch Behar District Based On John carrier Weaver’s Method. <i>International Journal of Current Research</i> , ISSN: 0975-833X, Vol. 13, Issue. 01	2021
R Roy, M Debnath, S Roy and N Islam	Determine The Regions of Outmigration in North-East India: A Cross Sectional Analysis. <i>Spatial Information Research</i> , E-ISSN: 2366-3294, P-ISSN: 2366-3286, Vol. 29. IF: 2.9	2021
R Roy and A Roy	An Integrated Approach to Identify Suitable Areas for Built up Development Using GIS-Based Multi-Criteria Analysis and AHP in Siliguri Planning Area, India. <i>Springer Nature Applied Sciences</i> , E-ISSN: 2523-3971, Vol. 3, Issue 4, IF: 1.0	2021
R Roy T Debnath, B Barman and N Islam	Fertility Transition and its Socio-Economic Factors in West Bengal, India. <i>IASSI Quarterly: Contributions to Indian Social Science</i> , P-ISSN: 0970-9061, E-ISSN: 0974-018X, Vol. 40, No. 1	2021
R Roy and T Debnath	Income and Employment Structure of Handloom Industry - A Case Study of Tufanganj-II Block, Cooch Behar District, West Bengal. Book: <i>Socio-Economic Development and Environmental Sustainability: The Indian Perspective</i> , ISBN 978-93-90124-61-9	2020
R Roy, S Karmakar and A B Barman	An Analysis of Trends and Patterns of Sex Ratio in Koch Bihar District of West Bengal. Book: <i>Socio-Economic Development and Environmental Sustainability: The Indian Perspective</i> , ISBN 978-93-90124-61-9	2020
R Roy and B Barman	Assessment of Mahatma Gandhi Rural Employment Guarantee Scheme (MGNREGS) on Rural Out-Migration in Koch Bihar District, West Bengal: A Multivariate Analysis. Book: <i>Socio-Economic Development</i>	2020

Author	Name of the Book/Journal/Volume	Year
	<i>and Environmental Sustainability: The Indian Perspective</i> , ISBN 978-93-90124-61-9	
R Roy and A H Miah	Socio-Economic Status of Women: A Case Study from West Bengal. Book: <i>Geography in the 21st Century: Emerging Issues and the Way Forward</i> , ISBN : 978-81-947715-9-3	2020
R Roy and S Karmakar	An Assessment of Land Use and Land Cover Change in Koch Bihar District, West Bengal. <i>Geography in the 21st Century: Emerging Issues and the Way Forward</i> , ISBN : 978-81-947715-9-3	2020
R Roy and P Sen	Infrastructural Development of School Education in Kharibari C.D. Block of Darjiling District, Book: <i>West Bengal. Education in the 21st Century: Emerging Issues and the Way Forward</i> , ISBN: 978-81-947715-8-6 (jointly with Punama Sen)	2020
R Roy and A Saha	Spatial Disparity in The Level of Education in Kakdwip Subdivision of South 24 Pargana, Book: <i>West Bengal. Education in the 21st Century: Emerging Issues and the Way Forward</i> , ISBN: 978-81-947715-8-6 (jointly with Arjun Saha)	2020
R Roy and B Roy	Role of Science, Technologies and Innovations to Tackle the Covid-19 Pandemic in India: A Brief Analysis. Book: <i>The Covid 19 Pandemic: A Review of the Social, Economic and Environmental Issues/Challenges</i> , ISBN 978-93-5427-451-0	2021
Dr. Indira Lepcha Nee Lama		
I Lepcha and N D Lama	Trend and Differentials of Total Fertility Rate by Background Characteristics in India: <i>A Study from National Family Health Survey-1 to National Family Health Survey-4</i> , 2021 pp. 51-75	2021
I Lepcha and P Chowdhury	Demographic Characteristics of the Socially Vulnerable Residents in Landslide Prone Area: A Study of Chibo Pashyor, Kalimpong District, West Bengal, 2021 pp. 76-84	2021
I Lepcha and T Saha	Study on the Occupational Status of Women of Matigara Community Development Block Darjeeling District, WestBengal, <i>Journal of Women's Studies</i> , Vol. IX, ISSN-2320-3625, pp. 56-69	2020
Dr. Arindam Basak		
A. Basak	Male-Female Disparity in Literacy Rate across Urban Centres of North Bengal; <i>ShodhSarita</i> ; Vol 7, Issue 26	2020
A. Basak	Analyzing the population balance sheet of urban centres in north Bengal by place and by size-class; <i>Shodh Sanchar</i> ; Vol 10, Issue 38	2020
A. Basak	Female Literacy Rate in Urban Centres: A Case study from North Bengal; <i>Wesleyan Journal of Research</i> ; Vol 13 No 11	2020
A. Basak	Distribution of Scheduled caste population across urban centres of north Bengal; <i>ShodhSarita</i> ; Vol 7, Issue 28	2020

Author	Name of the Book/Journal/Volume	Year
A. Basak	A Geographical account of the Distribution of Scheduled Tribe Population Among Various Urban Centres of North Bengal; <i>Shodh Sanchar</i> ; Vol 10, Issue 38	2020
Dr. Snehasish Saha		
S Saha and K Chakraborty	Monitoring Channel Migration : A Case Study of River Ganga in Diara Region of Malda District, West Bengal”, <i>Geographical Thoughts</i> , Vol. XIX; ISSN 2229-466X	2021
S Saha	Bed Load Characteristics as indicator to the evolution of Channel bed aggradation, a case of river Lish in Sub-Himalayan forelands, Darjeeling, West Bengal; <i>Geographical Thoughts</i> , Vol. XVIII; ISSN 2229-466X	2020
S Saha, D Poddar and S Mukhopadhyay	‘Spatial Variation of Arsenic Contamination in the groundwater of Malda District, West Bengal, India’; Editor: Surjapada Paul; ISBN 978-81-925799-4-8; Book: <i>Geography and Development</i> ; Page:58-71	2020
S Saha	A retrospect on Global Case-distribution pattern of COVID-19 Pandemics, the most Unrelenting Fate, Book: <i>The COVID-19 Pandemic</i> , Ed: Madhusudan Karmakar; ISBN 978-93-95427-451-0	2021
S Saha and M Das	Restoration of natural environment towards sustainability in Pandemic COVID-19:Aspecial reference to city Area of West Bengal, India; Book: <i>The COVID-19 Pandemic</i> , Ed: Madhusudan Karmakar; ISBN 978-93-95427-451-0	2021
S Saha and B R Prodhan	Documentation of Surface Soil Characteristics as Indicator of Agricultural Outcome: A Case Study of Dhupguri Block, Jalpaiguri (West Bengal); <i>Annals of the National Association of Geographers India</i> , ISSN 0970-972X, vol. 40(2) 2020	2020
S Saha and B Biswas	Channel Oscillation in view of Sinuosity: A Study of River Gadadhar, Cooch Behar District under RS and GIS Environment, Book: <i>Hydrology; Application of Remote Sensing and GIS</i> ; Ed. Niranjan Bhattacharjee; ISBN 978-81-944668-7-1; Vol.1; Page : 23-35	2020
S Saha	Characterization of Spatial Variability of Soil Properties of Malda District, West Bengal, India’; <i>Book: Agriculture, Food and Nutrition Security</i> , Ed. Rukhsana & Asraful Alam, Chapter:04; Pub.: Springer Nature Switzerland AG,2021	2021
S Saha and D Ghosh	Determining the spatio-temporal response of downstream coarse sediment sorting process in the Chel river (North Bengal, India) using cluster, <i>Modeling Earth Systems and Environment</i> , Vol.1	2020
Dr. I Roy Chowdhury		

Author	Name of the Book/Journal/Volume	Year
I R Chowdhury and A Bose	Monitoring and Modelling of Spatio temporal Urban Expansion and Land use / land cover change using markov chain model: A case Study in Siliguri Metropolitan Area, West Bengal, India, <i>Modelling Earth System and Environment</i> , Springer, ISSN:2363-6203	2020
I R Chowdhury, A Bose and G Mandal	A Study on Inter Block Level Regional Disparity Analysis of Uttar Dinajpur District, West Bengal , Book: <i>Geography in the 21 st Century: Emerging Issues and the Way Forward</i> , Ed. Ranjan Sarkar, Namaya Press , New Delhi, ISBN: 978-81-947715-9-3 pp. 225-249	2020
I R Chowdhury and D Basak	Achievement and Failure of MGNREGA (Financial Year: 2017-18) at Panchayat Level with Special Reference to Nishiganj Gram Panchayat, Mathabhanga II Block, Coochbehar District, West Bengal, <i>Geographical Thought</i> , University of North Bengal, ISSN: 2229-466X, Volume: XVIII, 2020	2020
I R Chowdhury	Societal Representation of Folk Culture: A Case of Chhow Mask Makers in Charida Village, Purulia, West Bengal, <i>Geographical Thought</i> , University of North Bengal, ISSN: 2229-466X, Volume: XVI	2020
I R Chowdhury and S Majumdar	Gender Disparity in Literacy Status : A Case Study of Nadia District, West Bengal, India, Book: <i>Education in the 21 st Century: Emerging Issues and the Way Forward</i> , Ed. Ranjan Sarkar, Namaya Press, New Delhi, ISBN: 978-81-947715-8-6 pp. 206-232	2020
I R Chowdhury and P Kayal	Role of Micro Finance in Empowering Rural Women: An Empirical Study of Falta C.D Block, South 24Parganas District, West Bengal, Book: <i>Education in the 21 st Century: Emerging Issues and the Way Forward</i> , Ed. Ranjan Sarkar, Namaya Press, New Delhi, ISBN: 978-81-947715-8-6 pp. 135-158	2020
I R Chowdhury and D Chowdhury	An Assessment of the Status of Household Solid Waste and its Management : A Case Study of Jalpaiguri Municipality, West Bengal, India: An Insight, Book: <i>Environmental Sustainability in the 21st Century: Emerging Issues and the Way Forward</i> , Ed. Ranjan Sarkar, Namaya Press, New Delhi, ISBN: 978-81-947715-1-7 pp. 343-355	2020
Dr. Riti Moktan		
Riti Moktan et. al	Population, Development and Environmental Sustainability Challenges and Opportunities	2021
Dr. Surjapada Paul		
S Paul	The COVID - 19 and its effect on the livelihood of migrant labour in North Bengal: An analysis, <i>Gradiva Review Journal</i> , Vol. 7, Issue- 3, pp. 108-114, ISSN (Online): 0363-8057	2021

Author	Name of the Book/Journal/Volume	Year
S Paul, et. al.	An Assessment of Cultivators' Perception about Climate Change and It's-induced Adaptation Practices in Agriculture of Cooch Behar Sadar Sub-division, West Bengal, India, <i>Applied Ecology and Environmental Sciences</i> , Vol. 9, No. 2, pp. 271-279, ISSN (Print): 2328-3912	2021
S Paul and S Das	An Assessment of Cultivators' Perception about Climate Change and It's-induced Adaptation Practices in Agriculture of Cooch Behar Sadar Sub-division, West Bengal, India, <i>Applied Ecology and Environmental Sciences</i> , Vol. 9, No. 2, pp. 271-279	2021

Research Projects Details:

Title of the Project	PI	Sponsored by	Year of Sanction	Duration	Budget (Rs.)
'Documentation of channel migration and land loss with special reference to bank soil characteristics: a case study of River Ganga in Malda District, West Bengal'	Dr. S Saha	DSTBT	2019	3 years	9, 45, 800
Disaster Management with focus on Sub-Himalayan North Bengal	Prof. S. Sarkar	UGC	-	-	68,00,000
Terrain sensitivity assessment based on ASTER DEM and filed investigation for environmental planning of Darjeeling district, West Bengal, India	Dr. S K Bhattacharya	NBU	2020	1 year	1,50,000
A Comparative Study on Surface Soil Characteristics and Changing Land Use Land Cover Scenario of Dhupguri and Maynaguri blocks of Jalpaiguri, West Bengal, India	Dr. S Saha	NBU	2020	1 year	1,50,000
Homestay Tourism in North Bengal: Problems and Potentialities	Dr. I R Chowdhury	NBU	2020	1 year	1,50,000

DEPARTMENT OF GEOLOGY

About the Department:

The Department of Geology, University of North Bengal was established in 2018 to promote higher studies in the field of Geological Sciences. This Department is offering post graduate studies and doctoral/ post-doctoral research for the first time in the North Bengal. The Department also offers three-year (CBCS) undergraduate (B. Sc) course.

In spite of being in extremely young, the Department has already demonstrated its presence in national forum. Faculty members are engaged in advanced research of various fundamental earth science problems. The Department regularly invites stalwarts of the field as guest faculties to provide highest possible learning experience to the students. The Department has already established a front-line geochemical laboratory and regular geological laboratory facilities including high-resolution microscope facility (petrology and micro-paleontology), computer laboratory.

Department of Geology regularly organizes geological field training program as a part of curriculum in various important parts of the Indian peninsula and extra-peninsular region. Students of the Department are always encouraged to think independently in terms of their master's dissertation and regular interactive sessions. Being strategically located at the foothills of the Himalayas, the Department has immense scope to grow further and flourish to become a leading earth science research and teaching institution in the region.

Courses Offered:

- B. Sc. (Geology Honours)
- M. Sc.
- Ph. D.

Research Focus:

- Palaeoclimatology
- Sedimentology
- Sequence stratigraphy
- Early earth geodynamics

Student Strength:

Course	Year	Male	Female	Total	SC	ST	OBC-A	OBC-B	Gen
B. Sc.	2020	24	13	37	11	1	1	1	23
M. Sc.	2020	12	9	21	3	-	-	1	17

Faculty Details:

Name	Qualification	Designation	Email
Dr. Pradip Samanta	Ph.D.	Asst. Professor	geolps@nbu.ac.in
Koushik Saha	M.Sc.	Asst. Professor	saha@nbu.ac.in

Name	Qualification	Designation	Email
Dr. Debaditya Bandyopadhyay	Ph.D.	Asst. Professor (Contractual)	debaditya.b2r@gmail.com
Subhadeep Majumder	M.Sc.	Asst. Professor (Contractual)	subhadeepmajumdar16@gmail.com

Details of Non-Teaching Staff:

Name	Qualification	Designation
Anita Roy	M.A.	Sr. Assistant
Kumar Darjee	8th passed	Sr. Peon
Bimalendu Singha	M.Lib.	Group-D (Mandays)

Details of PhD Students (Without Fellowship):

Name	Supervisor's Name	Gender	Date of Admission
Madhurya Roy	Dr. Pradip Samanta	Female	13.03.2021

Details of Seminar/Conferences /Webinar Attended by Faculty:

Name of the Teacher	Name of the Seminars	Venue & Date	Title of the Paper Presented
Dr. Debaditya Bandyopadhyay	JpGU-AGU Joint Meeting	Online 12 th to 16 th July, 2020	Clues to Cretaceous subduction initiation in South-East Asia - A geochronological and geochemical perspective from the Andaman Ophiolite
Koushik Saha	JpGU-AGU Joint Meeting	Online 2020	Spatial variability of grain size parameters and depositional process in the coastal marshland of Orissa, India.

Publications:

Name of the Author	Details of Book/Journal/Volume	Year
Bandyopadhyay, D., et. al.	Geochemical and geochronological record of the Andaman Ophiolite, SE Asia: From back-arc to forearc during subduction polarity reversal? DOI: 10.1016/j.lithos.2020.105853	2021
Plunder, A., Bandyopadhyay, D., et. al.	History of subduction polarity reversal during arc-continent collision: constraints from the Andaman Ophiolite and its metamorphic sole, <i>Tectonics</i> , vol-39, e2019TC005762, [DOI: 10.1029/2019tc005762]	2020

Name of the Author	Details of Book/Journal/Volume	Year
Bandyopadhyay, D., et. al.	Andaman Ophiolite: An Overview. <i>In: Ray, J. S. and Radhakrishna, M. (eds.), The Andaman Islands and Adjoining Offshore: Geology, Tectonics and Palaeoclimate, Springer International Publishing, Cham, pp.1-17. [DOI: 10.1007/978-3-030-39843-9_1]</i>	2020
Bandyopadhyay, D., et. al.	Clues to Cretaceous subduction initiation in South-East Asia - A geochronological and geochemical perspective from the Andaman Ophiolite. <i>JpGU-AGU Joint Meeting 2020</i>	2020

Research Projects Details:

Title of the Project	PI	Sponsored by	Year of Sanction and duration	Budget (Rs.)
Sedimentology and sequence stratigraphy in the lower two Members, viz., Kendur Conglomerate and Cave Temple Arenite, of the Badami Group, Kaladgi Supergroup, Karnataka with special emphasis on the control of Uranium mineralization.	Dr. Pradip Samanta	UGC-Start-up Grant	2019, 2 years	10,00,000
A multiproxy approach to trace the effects of sea level rise and climate change in the coastal wetland ecosystem of West Bengal	Koushik Saha	DSTBT, Govt. of West Bengal	2018, 3 years	2,85,000

DEPARTMENT OF MATHEMATICS

About the Department:

The Department of Mathematics, NBU came into existence in 1962 with the major objective of developing a centre for excellence in the region of North Bengal in Mathematical Sciences and Applications and to provide facilities for training, study, research in these areas. Pioneering research contributions have come from the faculty members in the field of Real Analysis, Complex Analysis, Topology, Relativity & Astrophysics, Graph Theory, Dynamical Systems and Geometry.

The Department has the distinction of having on its staff Fullbright Fellow, Erasmus International Fellow, TWAS-UNESCO visiting Professor JSPS Scholar, Ramanujan Fellow, etc. The Department has a record of almost 100% employments at various levels, starting from High Schools, Colleges and Universities to Research Laboratories like DRDO, CSIR Labs and others.

The Department has been receiving annual Library Grant from NBHM since 1991. The Departmental library has about 6500 books and subscribes a large number of International and Indian Peer-Reviewed journals including Mathematical Reviews. The Department has procured about 208 books and built a Smart Classroom funded by RUSA (Rashtriya Uchchatar Shiksha Abhiyan). The Department also has a large computing facility sponsored by the DST-FIST grant. The Department is co-ordinating the Mathematical Olympiads and related training programmes for high school students, Madhava Mathematics Competition for undergraduate students in affiliated colleges and other colleges in the vicinity and Refresher Courses in Mathematics organized by ASC-NBU.

Courses Offered:

- M. Sc.
- M. Phil.
- Ph. D.

Research Focus:

- Real and Complex Analysis
- Topology
- Functional Analysis and Algebra
- Theoretical and Computational Mechanics
- Ideal and Statistical Convergence
- Dynamical Systems
- Fuzzy Algebra
- Cosmology

Faculty Details:

Name	Qualification	Designation	Email
Prof. Suparna De Sarkar	Ph.D.	Professor	suparnamath@nbu.ac.in
Prof. Manorajan Singha	Ph.D.	Professor	manorajan.math@nbu.ac.in

Name	Qualification	Designation	Email
Dr. Sanjoy Kumar Ghosal	Ph.D.	Assoc. Professor	sanjoykumarghosal@nbu.ac.in
Dr. Dilip Chandra Pramanik	Ph.D.	Asst. Professor	dcpramanik_math@nbu.ac.in
Dr. Nita Tamang	Ph.D.	Asst. Professor	nita_math@nbu.ac.in
Dr. Siddhartha Biswas	Ph.D.	Asst. Professor	siddhartha.math@nbu.ac.in
Dr. Paltu Sarkar	Ph.D.	Asst. Professor	pal2_math_796@nbu.ac.in
Dr. Bibaswan Dey	Ph.D.	Asst. Professor	bibaswandey@nbu.ac.in
Shri. Kalyan Saha	M.Sc.	Asst. Professor	kalyansaha@nbu.ac.in
Dr. Sujay Kumar Biswas	Ph.D.	Asst. Professor	sujay.math@nbu.ac.in

Details of Non-Teaching Staff:

Name	Qualification	Designation
Smt. Sonali Sarkar	B.A., CIT (Computer)	Jr. Assistant (Casual)
Smt. Rahenu Banu	H.S.	Sr. Peon

Details of Research Scholars:

Name	Fellowship Status	Supervisor's Name	Gender	Date of Joining
Kapil Roy	CSIR	Dr. D C Pramanik	Male	08.01.2016
Jayanta Roy	State Fellowship	Dr. D C Pramanik	Male	04.05.2017
Sima Roy	CSIR	Prof. M. Singha	Female	07.01.2019
Sourav Mandal	UGC	Dr. S K Ghosal	Male	01.01.2020
Bishal Tamang	CSIR	Dr. Nita Tamang	Male	03.01.2020
Ismail Haque	UGC	Dr. S. Biswas	Male	11.11.2020
Pitu Sarkar	UGC	Dr. Nita Tamang	Female	11.03.2021
Rinki Paul	DST-INSPIRE	Dr. Paltu Sarkar	Female	12.03.2021
Apurba Sarkar	CSIR-JRF	Dr. D C Pramanik	Male	17.03.2021
Nimai Dey	SVMCM	Dr. D C Pramanik	Male	18.03.2021
Abdush Salam Pramanik	UGC	Dr. Bibaswan Dey	Male	02.09.2019

Details of PhD Students (Without Fellowship):

Name	Supervisor's Name	Gender	Date of Registration
Koushik Sarkar	Prof. Manorajan Singha	Male	08.09.2016
Kousik Das	Prof. Manorajan Singha	Male	07.01.2016
Arindam Paul	Dr. Nita Tamang	Male	NA

Details of Seminar/Conferences /Webinar Attended by Faculty:

Name	Details of the Seminars/Conferences	Date
Dr. Dilip Chandra Pramanik	International Web-Conference on Complex Analysis and Differential Geometry: Revisiting, organised by SKBU, West Bengal	29-30.06.2020
Dr. Dilip Chandra Pramanik	3 rd International Conference on Mathematical Modeling, Applied Analysis and Computaton-2020, organised by JECRC University	07-09.08.2020
Dr. Nita Tamang	14 th International Conference MSAST 2020	21-23.12.2020
Dr. Paltu Sarkar	Webinar on Algebraic structures in the crossroads of Mathematics, organised by Ramakrishna Mission Residential College, Narendrapur and Netaji Nagar Day College, Kolkata	28.08.2020
Dr. Paltu Sarkar	Online Workshop on Algebraic Number Theory, organised by Assam University	31.08.2020 – 05.09.2020
Dr. Paltu Sarkar	One-Day National Level Webinar on History of Mathematics, organised by Calcutta Mathematical Society	06.09.2020
Dr. Paltu Sarkar	Online Faculty Development Programme on Applied Mathematical Skills for Science and Engineering, organised by MAKAUT and Islamic University of Science and Technology, Jammu and Kashmir	14-18.09.2020
Dr. Paltu Sarkar	Online Workshop on Numerical Linear Algebra, organised by Assam University	19-25.09.2020
Dr. S. Biswas	Online workshop on Numerical Linear Algebra, organised by Assam University	19-25.09.2020
Dr. S. Biswas	Webinar on “Srinivasa Ramanujan-a legend and a symbol”, organised by Ramakrishna Mission Residential College, Narendrapur	30.09.2020

Name	Details of the Seminars/Conferences	Date
Dr. S. Biswas	Webinar on “Mathematical modelling of spread of Covid-19”, organised by Ramakrishna Mission Residential College, Narendrapur	21.09.2020
Dr. S. Biswas	National webinar on “Recent Trends of Mathematics and Its Application in Real Life situation”, organised by Ramakrishna Mission Residential College, Narendrapur	16.08.2020

Publications:

Name of the Author	Details	Year
Sanjoy Ghosal, Avishek Ghosh	Rough weighted I-limit points and weighted I-cluster points in theta-metric space, <i>Mathematica Slovaca</i>	2020
Sanjoy Ghosal, M. C. Listan-Garcia, Manasi Mandal, Mandobi Banerjee	Influence of theta-metric spaces on the Diameter of rough weighted I ₂ -limit set, <i>Filomat</i>	2020
Dr. D C Pramanik	On the Growth of Solutions of Some Non-linear Complex Differential Equations, <i>Korean J. Math.</i> Vol. 28, No. 2	2020
Dr. D C Pramanik	Uniqueness of meromorphic functions sharing a set of roots of unity, <i>Journal of the Indian Math. Soc.</i> , Vol. 87, Nos. (3-4)	2020
Dr. D C Pramanik	Uniqueness of homogeneous differential polynomials of meromorphic functions concerning weakly weighted sharing, <i>Journal of Classical Analysis</i> , Vol. 16, No. 1	2020
Dr. D C Pramanik	Uniqueness of $p(f)$ and $P[f]$ concerning weakly weighted sharing, <i>General Mathematics</i> , Vol. 28, No. 1	2020
Dr. D C Pramanik	Uniqueness of Differential Polynomials of a Meromorphic Function Concerning Weighted Sharing, <i>The Mathematics Student</i> , Vol. 89, Nos. 3-4	2020
Dr. D C Pramanik	Further study on solutions of some non-linear homogeneous differential equations in connection to Bruck conjecture, <i>Creat. Math. Inform.</i> , Vol. 29, No. 2	2020
Nita Tamang	A Simple Observation on Decomposition of Multiple Zeta Values, <i>Indian Journal of Pure and Applied Mathematics</i> , 51(4), 1269-1284	2020
Manasi Mandal, Sampad Das, Nita Tamang	Left Bi-quasi and Minimal Left Bi-quasi Ideals of Ternary Semiring, <i>South-east Asian Bulletin of Mathematics</i> , 45 , 217-226.	2021

Name of the Author	Details	Year
S. Biswas	Rayleigh waves in a nonlocal thermoelastic layer lying over a nonlocal thermoelastic half-space, <i>Acta Mechanica</i> , 231(10), 4129-4144	2020
S. Biswas and S. M. Abo-Dahab	Electro-magneto-thermoelastic interactions in initially stressed orthotropic medium with Green-Naghdi model type-III, <i>Mechanics Based Design of Structures and Machines</i>	2020
S. Biswas	Three-dimensional nonlocal thermoelasticity in orthotropic medium based on Eringen's nonlocal elasticity, <i>Waves in Random and Complex Media</i>	2020
A.S. Pramanik and S. Biswas	Surface waves in nonlocal thermoelastic medium with state space approach, <i>Journal of Thermal Stresses</i> , 43(6), 667-686	2020
S. Biswas and S. M. Abo-Dahab	Reflection of P waves in porous thermoelastic medium with three-phase-lag model, <i>Waves in Random and Complex Media</i>	2020
S. Biswas	Rayleigh waves in a magneto-thermoelastic anisotropic half-space, <i>Journal of Thermal Stresses</i> , 44(2), 197-213	2020
S. Biswas	Surface waves in porous nonlocal thermoelastic orthotropic medium, <i>Acta Mechanica</i> , 231(7), 2741-2760	2020
S. Biswas	Surface waves in piezothermoelastic transversely isotropic layer lying over piezothermoelastic transversely isotropic half-space, <i>Acta Mechanica</i> , 232, 373-387	2020
S. Biswas	Rayleigh waves in porous nonlocal orthotropic thermoelastic layer lying over porous nonlocal orthotropic thermoelastic half space, <i>Waves in Random and Complex Media</i>	2021
A.S. Pramanik and S. Biswas	Eigenvalue approach to hyperbolic thermoelastic problem in porous orthotropic medium with Green-Lindsay model, <i>Mechanics Based Design of Structures and Machines</i>	2020

Miscellaneous:

Dr. S. Biswas, Asst. Professor has received Best Research Award from Science Father. He has also received Best Researcher Award from Science Father.

DEPARTMENT OF MICROBIOLOGY

About the Department

The Department of Microbiology, NBU was established in 2005 as a self-financed Department with an aim to train the next generation of leaders in Microbiology. In 2008, the Department was shifted to new building with superior facilities. The Department was regularized by the Government of West Bengal in 2012.

The Department has modern research facility and infrastructure to support the teaching and research activities. The post graduates from this department get employed in various National/International academic, research and industrial organizations. The Department strives to spearhead research and educational programs in an effort to provide solutions to some of the current world's most pressing issues, such as alternative energy sources, remediation of industrial pollutions etc.

Courses Offered:

- MSc in Microbiology
- M. Phil. in Microbiology
- Ph. D. in Microbiology

Research Focus:

- Bioprocess technology
- Enzyme technology
- Food Microbiology
- Stress Biology
- Environmental Microbiology
- Molecular Biology

Student Strength:

Course	Year	Male	Female	Total	SC	ST	OBC-A	OBC-B	Gen
M. Sc	2020 - 21	13	40	53	7	6	3	4	33

Details of Course Completed by Students in 2020 - 21:

Course	Male	Female	Total	SC	ST	OBC-A	OBC-B	Gen
M. Sc.	7	20	27	3	4	0	3	17

Faculty Details:

Name	Qualification	Designation	Email
Dr. Arindam Bhattacharjee	M. Sc., Ph. D.	Head and Asst. Professor	abmicrobio@nbu.ac.in
Ms. KhusbooLepcha	M. Sc.	Asst. Professor	khusboolepcha88@nbu.ac.in
Dr. Sarita Kumari	M. Sc., M. Phil, Ph.D.	Asst. Professor (Contractual)	saritamicro@nbu.ac.in
Dr. Payel Sarkar	M. Sc., Ph.D.	Asst. Professor (Contractual)	payalsarkar@nbu.ac.in
Dr. Shyama Prasad Saha	M. Sc., Ph.D.	Asst. Professor (Contractual)	shyamaprasad@nbu.ac.in

Details of Non-Teaching Staff:

Name	Qualification	Designation
Mrs. Madhumita Ghosh	Higher Secondary	Junior Superintendent
Mr. Satya Ranjan Das	Higher Secondary	Record Supplier
MrSudipta Das	B. Sc.	Lab Technician (Contractual)
Mr. Subir Sarkar	IX	Group D casual (Casual)

Details of Research Scholars:

Name	Fellowship Status	Supervisor's Name	Gender	Date of Joining
Swarnab Sengupta	University Fellowship	Dr. A. Bhattacharjee	Male	01.06.2017
Aditi Rai	DST-Inspire	Dr. A. Bhattacharjee	Female	29.12.2014
Rohan Nath	SVMCM	Dr. A. Bhattacharjee	Male	03.01.2019

Details of PhD Students (Without Fellowship):

Name	Category	Gender	Date of admission in PhD Course Work
Pratima Sarkar	General	Female	11.03.2021
Madhushree Hui	General	Female	11.03.2021

Details of Seminar/Conferences /Webinar Attended by Faculty:

Name	Details of the Seminars/Conferences	Date
Dr Arindam Bhattacharjee	Publishing ethics: the role of publishers, journals, researchers and institutions, organised by Springer Nature in collaboration of INFLIBNET Centre	25.06.2020
	Microbial Enzyme mediated Carbon Sequestration, organised by Muthayamal College of Arts & Science, Rasipuram	14.07.2020
	Covid-19-The current Scenario, organised by St. Xavier's College, Kolkata	02-04.07.2020
Dr. Shyama Prasad Saha	Publishing Ethics:The role of publishers,Journals, Researchers and Institutions, organised by Springer Nature in collaboration of INFLIBNET Centre	25.06.2020
	Covid-19, organised by University of Delhi, New Delhi	12.05.2020
	Springer nature Experiments: How to find the protocols and methods you need for your research, organised by Database Group, Springer Nature	25.06.2020

Publications:

Name of the Author	Details of Book/Journal/Volume	Year
Sengupta M, Rashid H, Sarkar, P	<i>International Journal of Biotechnology and Biomedical Sciences</i> , Vol: 6	Jun 2020
K K Singh, S P Saha et al	<i>Functional Plant Biology</i>	Oct 2020
D Mazumdar, S P Saha , S Ghosh	<i>Journal of Plant Nutrition</i>	Feb 2021
V Parmeshwar, S P Saha et al	<i>Scientific Reports</i> , vol:11	Jan 2021
V Parmeshwar, K Lepcha et al	<i>Nature Scientific Rreports</i> (article no:3032), IF 4.379	Feb 2021
K Lepcha et al	Book: Physiological and Biotechnological Aspects of Extremophiles	June 2020

Research Projects Details:

Title of the Project	PI	Sponsored by	Year of Sanction	Duration	Budget (Rs.)
Effect of GNSO on <i>S. cerevisiae</i>	Dr. A. Bhattacharjee	North Bengal University	2020	1 year	1,50,000

Title of the Project	PI	Sponsored by	Year of Sanction	Duration	Budget (Rs.)
Studies on the cellulolytic and hemicellulolytic potential of microbial communities from goat rumen content	Khusboo Lepcha	North Bengal University	2020	1 year	1,50,000

DEPARTMENT OF PHARMACEUTICAL TECHNOLOGY

About the Department:

The Department of Pharmaceutical Technology, NBU has started post graduate course in Pharmacy with specialization in Pharmaceutics and Pharmacognosy and Ph.D. Program from 2019-20. The academic curricula and research programs have been designed with updated knowledge with the primary focus to basics and emerging fields of Pharmacy. Every year considerable numbers of students are qualifying in the GPAT examination and will get the opportunity to take admission in this Department through a specific admission process.

The Department aims to regularly organize national and international seminars, conferences, symposia and lectures in order to give a focus on the emerging fields of research to students and research scholars. The Department is well equipped with various new and modern instrumental facilities. Faculty members regularly publish their research findings in reputed national and international journals.

Courses Offered:

- Master of Pharmacy (specialization in Pharmaceutics and Pharmacognosy)
- Ph. D. in Pharmaceutical Technology

Research Focus:

- Pharmacognosy
- Natural Products
- Novel drug delivery systems
- Phytochemistry
- Natural product chemistry
- Herbal drugs

Student Strength:

Course	Year	Male	Female	Total	SC	ST	OBC-A	OBC-B	Gen
M. Pharm	2020 - 21	15	11	26	5	1	1	4	15

Faculty Details:

Name	Qualification	Designation	Email
Dr. Ranabir Sahu	Ph.D	Head & Asst. Professor	ranaju4u@yahoo.co.in
Dr. Bapi Ray Sarkar	Ph.D	Assoc. Professor	mailmebrs@gmail.com
Dr. Gouranga Nandi	Ph.D	Asst. Professor	nandi_gouranga@yahoo.co.in

Name	Qualification	Designation	Email
Dr. Prosanta Pal	Ph.D	Asst. Professor	prosanta_pal@rediffmail.com
Dr. Koushik Sen Gupta	Ph.D	Asst. Professor	koushikhpi@gmail.com
Dr. Tarun Kumar Dua	Ph.D	Asst. Professor	tarunkduaju@gmail.com
Dr. Paramita Paul Dua	Ph.D	Asst. Professor	paramita37@gmail.com
Dr. Amitava Roy	Ph.D	Asst. Professor	aroy206ju@gmail.com
Dr. Dipika Mandal	Ph.D	Asst. Professor	dipikamandal@nbu.ac.in
Mr. Partha Pratim Maiti	M. Pharm	Asst. Professor	parthahpi@gmail.com

Details of Non-Teaching Staff:

Name	Qualification	Designation
Shri Kali Sankar Sinha Babu	B.SC, D. Pharm	Laboratory Technician
Shri Malyaban Mitra	M. Pharm	Laboratory Technician
Shri Bivas Joardar	D. Pharm, B. Sc, D.P.T.	Store Keeper
Smt. Debashri Pal	Master in Arts	Jr. Asstt.-Cum-Typist
Shri Sanjay Kujur	Madhyamik	Peon

Details of Project Scholars:

Name	Project	Supervisor's Name	Gender	Date of Joining
Priya Das	"In search of novel antidiabetic lead from <i>Asparagus racemosus</i> Willd. : A Sikkim and Darjeeling Himalayan regional Medicinal Plant"	Dr. Ranabir Sahu	Female	11.01.2021

Details of PhD Students (Without Fellowship):

Name	Supervisor's Name	Gender	Admission in PhD Course Work
Arnab Bagchi	Dr. Bapi Ray Sarkar	Male	01.01.2020
Ashoke Mukherjee	N.A.	Male	02.01.2020
Chandrika Sharma	Dr. Bapi Ray Sarkar	Female	01.01.2020
Honey Jajo	Dr. Ranabir Sahu	Female	02.01.2020
Jugal Sutradhar	Dr. Bapi Ray Sarkar	Male	01.01.2020
ParthaPratimMahata	Dr. Gouranga Nandi	Male	02.01.2020
Preksha Sharma	Dr. Bapi Ray Sarkar	Female	01.01.2020

Name	Supervisor's Name	Gender	Admission in PhD Course Work
SiddheswarMaiti	N.A.	Male	01.01.2020
Sreejan Manna	Dr. Gouranga Nandi	Male	02.01.2020
Sudip Das	Dr. Bapi Ray Sarkar	Male	02.01.2020
Sarbani Roy	N.A.	Female	06.01.2020
Milan Kumar Maiti	Dr. Ranabir Sahu	Male	06.01.2020
Angila Theengh	Dr. Bapi Ray Sarkar	ST, F	19.02.2021

Organized Seminars/Conferences/Webinar:

Name of the Webinar	Date	Number of Participants
“IPR and Recent Advancement in Pharmaceutical Research”	29 th August,2020	Approx. 200

Publications:

Name of the Author	Details of Book/Journal/Volume	Year
Bapi Ray Sarkar		
Bapi Ray Sarkar	Bioremediation: A Green Approach to Prevent the Plastic Hazards Microbes, Book: <i>Environment and Human Welfare</i> , Nova Science Publishers, Page No- 185-213. [ISBN number: 978-1-53617-945-3]	2020
Sharma A, Pal P, Sarkar B R, Mohanty JP, Bhutia S. Preparation	Standardisation and evaluation of hypoglycaemic effect of herbal formulation containing five ethnomedicinal plants in alloxan-induced hyperglycemic wistar rats. <i>Research Journal of Pharmacy and Technology</i> . 2020 Dec 1; 13(12):5987-92.	2020
Dr. Gouranga Nandi		
Smita Patra, Nripendra Nath Bala, Gouranga Nandi	Synthesis, characterization and fabrication of sodium carboxymethyl-okra-gum-grafted-polymethacrylamide into sustained release tablet matrix. <i>International Journal of Biological Macromolecules</i> , 164 (2020) 3885 – 3900. (ISSN: 0141-8130) (Impact factor 6.953).	2020
Soma Das, Ananya Ghosh, Abhijit	Quality-by-Design approach for development of sustained-release multiple-unit beads of lamotrigine based on ion-cross-linked composite of pectin and okra mucilage: an in	2020

Name of the Author	Details of Book/Journal/Volume	Year
Changder, Gouranga Nandi, L. K. Ghosh	vitro appraisal. <i>International Journal of Biological Macromolecules</i> , (2020), 163, 842 - 853. (ISSN: 0141-8130) (Impact factor 6.953).	
Dixita Jain, Akshay Sodani, Swapnil Ray, Pranab Ghosh, Gouranga Nandi	Formulation of extended-release beads of lamotrigine based on alginate and <i>Cassia fistula</i> seed gum by QbD approach <i>Current Drug Delivery</i> , (2020) 17 (5) 422 – 437. (ISSN: 1875-5704 online) (Impact factor: 2.565), (2021)	2020
Dr. Ranabir Sahu		
A. Sethi, M. Sharaff, R. Sahu	Deciphering common temporal transcriptional response during powdery mildew disease in plants using meta-analysis, <i>Plant Gene</i>	2021
R. Sahu, P. Narayanaswamy, P. Kundu, A. Kumar	Differential Response of Phytohormone Signalling Network Determines Nonhost Resistance in Rice during Wheat Stem Rust (<i>Puccinia graminis</i> f. sp. <i>tritici</i>) Colonization, <i>Plant Pathol.</i>	2021
R. Sahu, P. Kundu, A. Sethi	In vitro antioxidant activity and enzyme inhibition properties of wheat whole grain, bran and flour defatted with hexane and supercritical fluid extraction, <i>LWT-Food Science and Technology</i>	2021
R. Sahu, S. Dewanjee	Carotenoids as Antidiabetic Agents, Carotenoids: Structure and Function in the Human Body, <i>Springer Nature Switzerland</i> 2021, pp. 513-532	2021
P. Kundu, R. Sahu	GIGANTEA confers susceptibility to plants during spot blotch attack by regulating salicylic acid signalling pathway, <i>Plant Physiol. Biochem</i>	2021
M. Gangopadhyay, A.K. Das, R. Sahu, et. al.	Evaluation of growth response for mass production and accumulation of 2-hydroxy-4-methoxybenzaldehyde in endangered <i>Hemidesmus indicus</i> by an aeroponic system, <i>Industrial Crops and Products</i> 172 114072	2021
G.J. Ashraf, P. Das, T.K. Dua, P. Paul, G. Nandi, R. Sahu	High-performance thin-layer chromatography based approach for bioassay and ATR–FTIR spectroscopy for the evaluation of antioxidant compounds from <i>Asparagus racemosus</i> Willd. aerial parts, <i>Biomed. Chromatogr.</i> 35(12)e5230	2021
S. Dewanjee, J. Vallamkondu, P.C. Chakraborty, R. Kalra, M. Gangopadhyay, R. Sahu, et. al.	The Emerging role of HDACs: Pathology and Therapeutic targets in Diabetes Mellitus	2021

Research Projects Details:

Title of the Project	PI
Preliminary Phytochemical screening and Evaluation of hepatoprotective activity of some unexplored medicinal plants found in North Eastern Himalayan region	Dr. Bapi Ray Sarkar
Pharmacognostical Study and Preliminary Phytochemicals Screening of <i>Bulbophyllum cassipes</i> . Region	Dr. Bapi Ray Sarkar
Evaluation of pharmacognostical parameters, phytochemical characterization and pharmacological activities of medicinal plant found in North East India	Dr. Ranabir Sahu
Screening of some herbal hydrocolloids from North-Eastern Himalayas to fabricate them as mucoadhesive nasal gels	Dr. Gouranga Nandi

DEPARTMENT OF PHYSICS

About the Department:

Department of Physics is one of those Departments with which North Bengal University started its journey in the year 1962. A Credit Based Choice System (CBCS) is presently followed in the M.Sc. level, with three different areas of specialization namely, Condensed Matter Physics, Electronics, and Nuclear and Particle Physics. The faculty members of the Department are involved in intra and inter-university national and international collaborations of scientific research.

The Department has conducted many notable research projects sponsored by the DST, DAE and UGC. In the year 2003, the Department received financial support under the FIST program from the DST, Govt. of India. The Department houses one IUCAA Resource Centre, a Data Centre for Observational Astronomy, six teaching laboratories, several research laboratories and one Departmental library. From time to time the Department organizes Seminars, Symposia, Conferences, Schools, Refresher Courses, and Outreach Programs.

Courses Offered:

- M. Sc.
- M. Phil.
- Ph. D.

Research Focus:

- Liquid Crystal
- Astrophysics
- Cosmology and Cosmic-ray
- High-energy Heavy-ion Interaction
- Soft Condensed Matter
- Solid State Devices

Student Strength:

Course	Year	Male	Female	Total	SC	ST	OBC-A	OBC-B	Gen
M.Sc	2021	31	14	45	12	3	4	7	19
	2020	22	18	40	9	4	4	6	17

Faculty Details:

Name	Qualification	Designation	Email
Dr. Pradip Kumar Mandal	M.Sc., Ph.D.	Professor	mandalpk.phys@nbu.ac.in
Dr. Amitabha Mukhopadhyay	M.Sc., Ph.D.	Professor	amphys@nbu.ac.in
Dr. Malay Kumar Das	M. Sc., Ph. D.	Professor	mkdnbu@nbu.ac.in
Dr. Bikash Chandra Paul	M. Sc., Ph. D.	Professor	bcpaul@nbu.ac.in
Dr. Sripada Haldar	M. Sc., Ph. D.	Professor	nbushaldar@nbu.ac.in

Name	Qualification	Designation	Email
Dr. Provash Mali	M. Sc., Ph. D.	Assc. Professor	provashmali@nbu.ac.in
Dr. Suman Chatterjee	Ph.D. (Engg.)	Assc. Professor	suman@nbu.ac.in
Dr. R. K. Dey	M. Sc., Ph. D.	Assc. Professor	rkdey2007phy@nbu.ac.in
Dr. Tutul Biswas	M. Sc., Ph. D.	Asst. Professor	tbiswas@nbu.ac.in
Mr. Lakpa Tamang	M.Sc.	Asst. Professor	lakpatamang@nbu.ac.in
Dr. Prakriti Adhikary	M.Sc., Ph.D.	Asst. Professor	prakriti@nbu.ac.in

Details of Non-Teaching Staff:

Name	Qualification	Designation
Mr. Sudip Saha	B.Sc.	Jr. Super
Mr. SankhaSubhra Roy	B.Sc., Dip. in Elect. Engg.	Technical Assistant Gr. I
Mr. Subrata Hazra	B.Sc. Physics (Hons), Computer Hardware Course	Technical Assistant Gr. II
Mr. Rajesh Pradhan	B.Sc.	Technical Assistant Gr. II
Mr. Ayub Ahamad	H.S., Dip. in Elect. Engg.	Technical Assistant Gr. II
Mr. Amitava Roy	B.Sc.	Technical Assistant Gr. II
Mr. Lubai Hansda	Secondary pass, ITI	Sr. Peon

Details of Research Scholars:

Name	Fellowship Status	Supervisor's Name	Gender	Date of Joining
Priti Sundar Barman	SVMCM	Dr. P. Adhikary	Male	13.03.2021
Ruchi Tamang	CSIR	Prof. B. C. Paul	Female	05.01.2021
Manoj Ghising	UGC-MANF	Prof. B. C. Paul	Male	11.03.2021
Anirban Chanda	State Fellowship (SRF)	Prof. B.C.Paul	Male	08.6.2017
Joy Sarkar	DST- INSPIRE (JRF)	Dr. S. Chatterjee	Male	03.01.2019
Pratik Debnath	UGC NET (JRF)	Dr. S. Chatterjee	Male	06.01.2020
Priyanta Barman	CSIR- UGC NET (SRF)	Prof. M. K. Das	Female	02.01.2019
Avijit Talukdar	DST- INSPIRE (JRF)	Dr. S. Chatterjee	Male	01.01.2020
Joydeep Thakur	State Fellowship (SRF)	Prof. A. Mukhopadhyay	Male	02.01.2019
Apsari Parvin	NFOBC (JRF)	Prof. M. K. Das	Female	01.01.2020
Sagar Dey	UGC NET (SRF)	Prof. B.C. Paul	Male	17.07.2017

Details of Project Scholar

Name	Projects	Supervisor's Name	Gender	Date of Joining
Smriti Mitra	Project Fellow	Prof. Malay Kumar Das	Female	28.6.2018

Details of PhD Students (Without Fellowship):

Name	Supervisor's Name	Gender	Date of Registration
Shib Shankar Biswas	Dr. T Biswas	Male	Not Yet Registered
Animesh Basak	Dr. R K Dey	Male	18.09.2017
Somnath Ghosh	Dr. P Mali	Male	09.12.2020
Sabyasachi Ray	Dr. R K Dey	Male	06.01.2022
Binay Rai	Prof. B.C.Paul	Male	13.03.2019
Rajat Biswas	Dr. S Chatterjee	Male	29.12.2019
Tanmay Chaki	Prof. P K Mandal	Male	17.07.2017
Chinmay Roy	Prof. S Chatterjee	Male	Not Yet Registered
Biplab Kumar Singh	Prof. S. Halдар	Male	Not Yet Registered
Nikita Chhetri	Prof. S. Halдар	Female	18.09.2017
Kishor Choudhury	Dr. R. K. Dey	Male	07.01.2022

Details of Seminar/Conferences /Webinar Attended by Faculty:

Name	Details of the Seminars/Conferences	Date	Title of the Paper Presented
Prakriti Adhikary	Environmental Determinism, Diverse Pollutions, Sources, and Controlling Management Through Sciences And Humanities, organised by Alipurduar University	22.03.2021	Design and Development of Self-powered Nanogenerators for Environmental Energy Harvesting.
M. K. Das	27th National Conference on Liquid Crystals, organised by Amity University, Uttar Pradesh	21-23.12.2020	High-resolution specific heat capacity and birefringence measurements a bolaamphiphilic liquid crystal exhibiting lamellar–isotropic, lamellar–nematic and lamellar smectic phases

Name	Details of the Seminars/Conferences	Date	Title of the Paper Presented
Bikash Ch. Paul	Physics of the Early Universe - An online Precursor, organised by International Centre for Theoretical Sciences	31.08.2020 – 03.09.2020	Participated
	Scientific Workshop “Astrophysics with CubeSats”, organised by Hermes Science Team	18- 19.11.2020	Participated
	Island Hopping 2020 from Wormholes to Averages at CERN Switzerland	16- 20.11.2020	Participated
	International Webinar on Recent Advances in Science and Technology, organised by Indira Gandhi Institute of Technology, Odisha	06- 08.11.2020	Participated
	Virtual Meeting on Compact Stars and QCD-2020, organised by International Centre for Theoretical Sciences	17- 21.08.2020	Participated

Publications:

Name of the Author	Details of Book/Journal/Volume	Year
R. K. Dey, S. Ray, S. Dam	Searching for correlations of geomagnetic activities with high-energy EAS muons, <i>Euro. Phys. J. Plus</i> 135: 445 1	2020
R. K. Dey	Local shower age and segmented slope parameters of lateral density distributions of cosmic ray shower particles, <i>J. Phys. Conf. Ser.</i> , 012072 1	2020
A. Debnath, D. Goswami, B. K. Singh, S. Halder, P. K. Mandal	Effect of γ -irradiation on the display parameters of a room temperature ferroelectric liquid crystal mixture, <i>Liq. Crystal</i> 48, 935	2020
S. K. Manna, A. Mukhopadhyay, P. Mali	Forward-backward multiplicity correlation and event-by-event multiplicity fluctuation in nucleus-nucleus collisions at 200A GeV, <i>Int. J. Mod. Phys. E</i> 2150021	2021

Name of the Author	Details of Book/Journal/Volume	Year
S. Das, B. C. Paul, R. Sharma	Gravitational collapse of Anisotropic star, <i>Indian Journal of Physics</i> (2020) INJP-D-19-01327	2020
S. Dey, B. C. Paul	Higher Dimensional Charged Compact Objects in Finch-Skea Geometry, <i>Classical and Quantum Gravity</i> 37, 075017	2020
P. S. Debnath, B. C. Paul	Observational constraints of emergent universe in f(R, T) gravity with bulk viscosity. <i>Int. Journal of Geometric Methods in Mod. Phys.</i> , 17, 2050102	2020
B. C. Paul	Existence of Traversable Wormholes with Modified Gravity and Non-linear Equation of State, <i>Class. Quantum Grav.</i> 38 145022	2021
S. Das, B. C. Paul, R. Sharma	Gravitational collapse of Anisotropic star, <i>Indian Journal of Physics</i> 95 (12), 2873-2883	2021
S. Dey, A. Chanda, B. C. Paul	Compact objects in f(R, T) gravity with Finch-Skea geometry, <i>Euro. Phys. J Plus</i> , 136, 228	2021
P. S. Debnath and B. C. Paul	Bouncing scenario with causal cosmology, <i>Astrophysics and Space Science</i> , 366, 32	2021
P. Pradhan, B. Paul, E. Bozzo, C. Maitra, B. C. Paul	Comprehensive broadband study of accreting neutron stars with Suzaku, Is there a bi-modality in the X-ray spectrum? <i>Mon. Notice Royal Astronomical Society (MNRAS)</i> 502, 1163-1190	2021
Chanda, Sagar Dey, Bikash Chandra Paul	Morris-Thorne Wormholes in the modified f(R, T), <i>General Relativity and Gravitation</i> , 53, 78	2021
S. Ghosh, S. Dey, A. Das, A. Chanda, B. C. Paul	Study of Gravastars in Rastall gravity, <i>JCAP</i> 07, 004	2021
Binay Rai and B. C. Paul,	Timing and spectral properties of Be/Xray pulsar 4U 1901+03 during 2019 outburst, <i>Astrophysics and Space Sci.</i> , 366, 84	2021
B. C. Paul	Existence of traversable wormholes with modified gravity and non-linear equation of state, <i>Class. Quantum Grav.</i> 38 145022	2021
P. S. Debnath and B. C. Paul	Cosmological models in $f(R^2)$ gravity with hybrid expansion law, <i>International Journal of Geometric Methods in Modern Physics</i> . 18, No. 09, 2150143	2021
Dibyendu Panigrahi, Bikash Chandra Paul, Sujit Kumar Chatterjee	Accelerating Universe in Higher Dimensional Space Time -an alternative approach, <i>Eur. Phys. J. Plus</i> 136:771	2021

Name of the Author	Details of Book/Journal/Volume	Year
Bikash Chandra Paul	Emergent Universe in $D \geq 4$ dimensions with Dynamical Wormholes, <i>Euro Phys. J C</i> , 81, 776	2021
B. C. Paul	Traversable wormholes in the galactic halo with MOND and non-linear equation of state, <i>Classical and Quantum Gravity</i> 38 (14), 145022	2021
A. Saha, S. Ghose, A. Chanda, B. C. Paul	Renyi holographic dark energy in higher dimension Cosmology, <i>Annals of Physics</i> , 426, 168403	2021
Smriti Mitra, Anish Chakraborty and Malay Kumar Das	Calorimetric study of critical behaviour near the smectic A to nematic phase transition in a polar-polar binary system, <i>Phase Transitions</i> , 93, 1006	2020
Shantiram Nepal, Banani Das, Malay Kumar Das, Katarzyna Strójwās, Magdalena Urbańska	Dielectric Spectroscopy and Electrical Conductivity Measurements on High-Tilted Antiferroelectric Materials, <i>Phase Transitions</i> , 93, 1	2020
S. Nepal, S. Mondal, A. Sinha, B. Das, M. K. Das, E. Dmochowska, J. Herman, M. Czerwiński,	Fast switching behaviour and dielectric parameters of two chiral ferroelectric mesogens, <i>Liquid Crystals</i> , 47, 1464	2020
S. Nepal, B. Das, M. K. Das, M. Das Sarkar and R. Dabrowski	Dielectric Spectroscopy and Electrical Conductivity Measurements of a Series of Orthoconic Antiferroelectric Liquid Crystalline Esters, <i>Ferroelectrics</i> , 570, 100	2021
S. Gupta, T. Choudhury, M. K. Das, D. R. Lisgarten, J. K. Cockcroft, Rex A. Palmer & J. N. Lisgarten	X-ray Structure at 150 K of the Polar Alkyl Mesogenic Compound 7CBB: 4-Cyanobiphenyl-4'-heptylbiphenyl Carboxylate, <i>Journal of Chemical Crystallography</i> , 51, 71	2021

Research Projects Details:

Title of the Project	PI	Sponsored by
Searching for cosmic ray sources through the measurement of TeV-PeV neutrinos and/or gamma ray fluxes.	R. K. Dey	NBU
A study of Astrophysical objects in modified Gravity	B. C. Paul	NBU
Theoretical and Observational Aspects of Compact Objects (17 Nov. 2017- Dec 31, 2020)	B. C. Paul	DST

Title of the Project	PI	Sponsored by
Wave packet dynamics in driven Dirac systems	L. Tamang	NBU
Investigations on the Critical Behavior at the Smectic-A-to-Smectic-C and Smectic A-Smectic C* Phase Transitions in liquid crystals by Synchrotron Radiation	M. K. Das	UGC-DAE Consortium for Scientific Research
Calorimetric and optical studies on the critical behavior at the nematic to twist bent nematic phase transition in liquid crystals from high-resolution optical and calorimetric studies.	M. K. Das	NBU

Awards Received:

Prof B C Paul has received the following awards/recognitions –

- IUCAA Associateship (Extension) (2021-2024)
- Fellow of Royal Astronomical Society (FRAS) London, UK on October 09, 2020
- Member of International Astronomical Union (IAU) Paris, June 10, 2020

DEPARTMENT OF TEA SCIENCE

About the Department:

Department of Tea Science, University of North Bengal is a unique Department of its kind. The Department was initiated in the year 1995 to meet the long felt demand of well trained youngsters in Tea industry to serve in the Managerial cadre. The primary focus of the Department is to educate students to strengthen the backbone of the Tea Industries and to add performance for the overall growth of them in this northern part of West Bengal and other tea growing parts of the country. The course curriculum and research programmes have been introduced in an updated version of Tea Science to meet the present needs.

In 2012-13, the Department has introduced M. Sc. course in Tea Science in order to educate students for building their career in higher education and tea industry. Apart from highly experienced teachers, the Department has well equipped laboratories to train the students to handle the activities of tea industries. Over the times the Department has built up a strong University-Industry partnership and many alumins of this Department are well established in almost all multinational tea companies having their plantations in India.

Apart from regular teaching activities, Department of Tea Science has a Soil Testing Laboratory approved by the Tea Board of India. The laboratory is equipped with instruments for quantitative tests for macro and micronutrients. This laboratory serves the need of soil testing for tea gardens of West Bengal, Bihar, Assam and Sikkim and generates a good amount of revenue for the University.

Courses Offered:

- Sc. in Tea Science
- M. Sc. in Tea Science
- PG Diploma in Tea Management
- M. Phil.
- Ph. D.

Research Focus:

- Ethnobotany
- Environmental biology
- Tissue culture
- Biomolecules and soil microbiology
- Phytochemistry
- Metabolomics

Student Strength:

Course	Male	Female	Total	SC	ST	OBC-A	OBC-B	Gen
M.Sc Sem-I	7	6	13	3	-	2	2	6
M. Sc. Sem - III	1	3	4	-	-	1	-	3

Course	Male	Female	Total	SC	ST	OBC-A	OBC-B	Gen
PGDTM	24	1	25	5	3	-	4	13

Faculty Details:

Name	Qualification	Designation	Email
Dr. Chandra Ghosh	M. Sc., Ph. D.	Assc. Professor	chandraghoh19@nbu.ac.in
Dr. Malay Bhattacharya	M. Sc., Ph. D.	Assc. Professor	malayts@nbu.ac.in
Dr. Sonali Ray	M. Sc., Ph. D.	Assc. Professor	sonaliray@nbu.ac.in

Details of Non-Teaching Staff:

Name	Qualification	Designation
Mr. Nripendra Nath Biswas	M. A.	Office Assistant
Mr. Mainak Mukherjee	M. Sc.	Soil Analyst
Mr. Subash Singh	M.P.	Peon
Mrs. Kalpana Subba	VIII	Sr. Peon

Details of Research Scholars:

Name	Fellowship Status	Supervisor's Name	Gender	Date of Joining
Priyanka Das	UGC-JRF	Dr. Chandra Ghosh	Female	21/07/2019
Dwaippee De	UGC-JRF	Dr. Sonali Ray	Female	25/07/2019

Details of PhD Students (Without Fellowship):

Name	Supervisor Name	Gender	Date of Admission in Ph. D. Course Work
Arindam Poddar	Dr. Chandra Ghosh	Male	01.01.2020
Dipannita Debnath		Female	01.01.2020
Asish Kumar Roy		Male	01.01.2020
Soumita Bhattacharjee		Female	03.01.2019
Sandipan Ghosh		Male	01.01.2020
Sumedha Saha	Dr. Malay Bhattacharya	Female	02.01.2019
Sahadeb Sarkar		Male	02.01.2019
Sukanya Acharyya		Female	01.01.2020
Soumya Majumder		Male	01.01.2020
Arindam Ghosh		Male	01.01.2020
Nitu Sinha	Dr. Sonali Ray	Female	01.01.2020

Details of Seminar/Conferences /Webinar Attended by Faculty:

Name	Details of the Seminars/Conferences	Date	Title of the paper presented
Dr. Malay Bhattacharya	International Conference on Dendroecology, Forest Management and Reforestation: theoretical and applied aspects, organised by UFA Institute of Biological Sciences, Russia	2020	Phosphate soluble microorganism consortium of virgin Tiger hill forest soil shows high level tolerance to pesticide, antibiotic, antifungal and heavy metals
Dr. Sonali Ray	National Virtual Conference on Genomics to Phenomics - A New Horizon in Plant Science Research, organised by University of Calcutta	28.02.2021 – 01.03.2021	Detection of Pesticide treated tea samples using carbon nanoparticles
	National Virtual Conference on Genomics to Phenomics - A New Horizon in Plant Science Research, organised by University of Calcutta	28.02.2021 – 01.03.2021	Metabolite profiling of the affected and unaffected tea leaves by the common pest of Darjeeling
	National Webinar on Recent trends in research on food, nutrition and health, organised by NBU	19.03.2021	Germination of Camellia sinensis var. sinensis (TS569).

Details of Seminar/Conferences /Webinar Attended by Students:

Name	Details of the Seminars/Conferences	Date	Title of the Paper Presented
Nitu Sinha	National Virtual Conference on Genomics to Phenomics: A New Horizon in Plant Science Research, organized by University of Calcutta	28.02.2021 – 01.03.2021	Detection of Pesticide treated tea samples using carbon nanoparticles
Himashree Chettri	Conference: National Virtual Conference on Genomics to Phenomics A New Horizon in Plant Science Research, organized by University of Calcutta	28.02.2021 – 01.03.2021	Metabolite profiling of the affected and unaffected tea leaves by the common pest of Darjeeling
Himashree Chettri	National Webinar on Recent trends in research on food, nutrition and health, organized by Dept. of Food Technology, NBU	19.03.2021	Germination of Camellia sinensis var. sinensis (TS569)

Name	Details of the Seminars/Conferences	Date	Title of the Paper Presented
Sumedha Saha	International Scientific Conference on Dendroecology, Forest Management and Reforestation: theoretical and applied aspects, organized by UFA Institute of Biological Sciences, Russia	2020	Phosphate soluble microorganism consortium of virgin Tiger hill forest soil shows high level tolerance to pesticide, antibiotic, antifungal and heavy metals

Publications:

Name of the Author	Details of Book/Journal/Volume	Year
Dr. Chandra Ghosh		
Chandra Ghosh, Sumita Ghatak, Kishor Biswas, A.P. Das	<i>Trees, Forests and People</i> (2021):100061/10	2020
Biswas, K., Ghosh, C. and Das, A. P.	<i>Plant archives</i> 20(2)/ 4833-4844	2020
Ghosh, C.; Sarkar S. and Das, A.P.	<i>Research Journal of Agricultural Sciences</i> / 11(4) / 860-870/	2020
Ghosh, C.; Mukherjee, M. and Biswas, K.	<i>International Journal of Advanced Research in Biological Sciences</i> / 7(6) / 141-150	2020
Ghosh, C.; Debnath D. and Das, A.P.	<i>International Journal of Advanced Research</i> [ISSN: 2320-5407]/ 8(6)/ 831-845	2020
Das, P.; Ghosh, C. and Das, A. P.	<i>Pleione</i> [ISSN 0973-9467]/ 14(1)/ 57 - 70	2020
Dr. Malay Bhattacharya		
S Chakraborty, S Majumder, A Ghosh, S Saha and M Bhattacharya*	<i>Bulletin of the National Research Centre</i> / 45:48	2021
S Majumder, A Ghosh, S Chakraborty and M Bhattacharya*	<i>Int. J. Food Ferment. Technol.</i> / 10(1): 21-26	2020
M Mukherjee, S Chakraborty, S Sarkar, S Saha, S Majumder, A Ghosh and M Bhattacharya*	<i>Current Agriculture Research Journal</i> / 8(3) 239-246	2020
S Saha, S Chakraborty, S Acharyya, S Sarkar, S Majumder, A Ghosh, M Bhattacharya*	<i>Ecobiotech</i> / 3(4) 578-588	2020
S Majumder, S Sarkar, A Ghosh, S Acharyya, S Saha, S Chakraborty & M Bhattacharya*	<i>Natural Product Research</i> / 36:8/ 2191-2195/ IF- 2.488	2020

Name of the Author	Details of Book/Journal/Volume	Year
S Majumder, A Ghosh, S Chakraborty and M Bhattacharya*	<i>International Journal of Mosquito Research / 7(6): 09-12</i>	2020
A K Das, A Ghosh, S Majumder, S Saha, S Acharyya, S Sarkar, S Chakraborty, M Mukherjee and M Bhattacharya*	<i>Journal of Pharmacognosy and Phytochemistry / 2020; 9(5)</i>	2020
A Ghosh, S Majumder, S Saha and M Bhattacharya*	<i>Research in Plant Biology/ 10: 15-21</i>	2020
S Majumder, A Ghosh and M Bhattacharya*	<i>Bulletin of the National Research Centre/ 44:141</i>	2020
Dr. Sonali Roy		
Sonali Ray, Jhelam Chatterjee, Arindam Ghosh, Susmita Das	<i>Cogent Food & Agriculture, 7:1/ IF- 2.161</i>	2021

Research Projects Details:

Title of the Project	PI	Sponsored by	Year	Duration	Budget (Rs.)
Germplasm characterization of selective Tea cultivars by using morphological and anatomical characters for the Tea improvement program in North Bengal	Dr. Chandra Ghosh	University of North Bengal	2020	1 year	1,50,000

Students Placement Details:

Name of the Students	Name of the Employer
Dipankar Saha	Batali T.E. MLD Group Dalmial Tea Company
Sidhartha Kumar Mahato	Sonali Tea Estate
Pradip Roy	Sonali Tea Estate
Bipraj Chhetri	Aambari Tea Estate, Woodbrian Tea company

DEPARTMENT OF ZOOLOGY

About the Department:

The Department of Zoology, University of North Bengal was established in 1984. The Department has earned high accolades with the awards of DST-FIST and UGC-SAP supports apart from independent research projects sponsored by almost all funding of authorities of Government of India. The Department has identified itself in the specialized fields of (i) Insect pest management including resistance status of tea pests and bio pesticide development (ii) Ecology and impact of pollutants/pesticides on aquatic biota including fish fauna (iii) Molecular cell biology and genetics in study of human health at chromosomal and DNA levels (iv) Studies on fish disease mainly EUS (v) HLA and Tumour biology (vi) Immunological study & status of tea workers and population dependent on tea industry and so on.

The Department has produced more than sixty Ph.D. scholars; most of them have been placed in responsible positions in teaching, research, corporate and governmental services. The faculty members have been honoured by various awards such as FNA Sc, FZSEI, FZS (Calcutta), DBT National Associateships, Overseas Associateship, INSA Exchange Collaborateship, State honours for book writing etc. Scientific contributions of the faculty members in terms of project investigation and publication have attained an enviable position. Central and State funded projects have been bagged by the Department from various authorities, such as UGC, CSIR, DST, DBT, DoEn & F, NTRF, ICMS, State DST and State Department of Fisheries. The Department has published large number of papers in reputed foreign as well as national journal.

Courses Offered:

- M. Sc.
- M. Phil.
- Ph. D.

Research Focus:

- Biopesticide Development
- Evolutionary Cytogenetics
- Molecular Virology
- Vector Biology
- Genetic Diversity
- Ecotoxicology

Student Strength:

Course	Male	Female	Total	SC	ST	OBC-A	OBC-B	Gen
M.Sc Sem-III	21	19	40	10	02	02	06	20
M.Sc Sem-I	11	28	39	10	03	04	07	15

Faculty Details:

Name	Qualification	Designation	Email
Dr. Soumen Bhattacharjee	M.Sc., Ph.D.	Professor	soumenb@nbu.ac.in
Dr. Min Bahadur	M.Sc., Ph.D.	Professor	mbahadur59@nbu.ac.in
Dr. Dhiraj Saha	M.Sc., Ph.D.	Asst. Professor	dhirajsaha@nbu.ac.in
Dr. Tilak Saha	M.Sc., Ph.D.	Asst. Professor	tilaksaha@nbu.ac.in
Dr. Sourav Mukherjee	M.Sc., Ph.D.	Asst. Professor	sourav16@nbu.ac.in
Dr. Ritwik Mondal	M.Sc., Ph.D.	Asst. Professor	ritwikm.zoology@nbu.ac.in
Dr. Arpan Kr. Maiti	M.Sc., Ph.D.	Asst. Professor	arpankrmaiti@nbu.ac.in

Details of Non-Teaching Staff:

Name	Qualification	Designation
Mr. Subrata Ghosh	B. Com	Jr. Supdt.
Mr. Samiran Ch. Debnath	Madhyamik Appeared	Lab. Attendant G-II

Details of Research Scholars:

Name	Fellowship Status	Supervisor's Name	Gender	Date of Joining
Sutanuka Chattaraj	None	Prof. S Bhattacharjee	Female	19.09.2011
Uttara Dey Bhowmick	None	Prof. S Bhattacharjee	Female	30.05.2014
Subhashis Paul	None	Prof. S Bhattacharjee	Male	25.03.2013
Tanmoy Dutta	None	Prof. S Bhattacharjee	Male	25.03.2013
Debabrata Moidak	NBU	Prof. S Bhattacharjee	Male	23.07.2018.
Sudipta Kumar Roy	CSIR	Prof. S Bhattacharjee	Male	16.07.2019
Mr. Sourav Sarkar	CSIR	Prof. S Bhattacharjee	Male	12.02.2020
Amlan Jyoti Ghosh	CSIR	Dr. Tilak Saha	Male	04.09.2019
Rejuan Islam	UGC	Dr. Tilak Saha	Male	02.04.2019
Farha Yasmin	UGC	Dr. S Mukherjee	Female	01.08.2019
Sona Sutradhar	UGC	Dr. S Mukherjee	Male	24.12.2019.
Priyanka Rai	UGC	Dr. Dhiraj Saha	Female	02.02.2017
Abhisekh Subba	UGC	Dr. Dhiraj Saha	Male	18.09.2017
Prerana Bhujel	UGC	Dr. Dhiraj Saha	Female	24.12.2019

Name	Fellowship Status	Supervisor's Name	Gender	Date of Joining
Nilu Limboo	UGC	Dr. Dhiraj Saha	Female	24.12.2019
Prapti Das	UGC	Dr. Dhiraj Saha	Female	03.09.2020
Shashwati Ghosh	UGC	Dr.Arpan Kumar Maiti	Female	03.01.2019
Swati Singh	WB - DBT (till 31.3.2017)	Prof. Min Bahadur	Female	01.02.2013
Ruksa Nur	Nil	Dr. Sudip Barat	Female	08.11.2012
Bappaditya Ghosh	UGC-BSR (till 25.03.2018)	Prof. Min Bahadur	Male	26.03.2013
Trisita Mazumdar	UGC-BSR fellow resigned	Prof. Min Bahadur	Female	21.06.2015
Saugata Ghosh	Nil	Prof. Min Bahadur	Male	26.09.2011
Debojit Dutta	UGC -NFSC	Prof. Min Bahadur	Male	02.01.2020
Arpita Ray	JRF, CSIR	Prof. Min Bahadur	Female	14.02.2020

Details of Project Scholar:

Name	Projects	Supervisor's Name	Gender	Date of Joining
Manas Pratim Modak	DST-SERB	Dr. Dhiraj Saha	Male	21.01.2020
Mr. Arun Roy	CSIR	Dr. Sourav Mukherjee	Male	09.08.2021

Details of PhD Students (Without Fellowship):

Name	Supervisor's Name	Gender	Date of Admission in PhD Course Work
Sagar Sarkar	Dr. Tilak Saha	Male	04.01.2019
Mr. Saugata Ghosh	Prof. Min Bahadur	Male	26.09.2011

Details of Seminars/Conferences/Webinar Organized:

Name of the Seminar/Conference/ Webinar	Date	Number of Participants
Distribution, Prevalence, Surveillance and Control of major Dengue vectors: <i>Aedes aegypti</i> and <i>Ae. albopictus</i>	05.09.2020	100
Control of Malaria and Dengue vectors by targeting the insecticide resistance development mechanisms on mosquitoes	20.02.2021	100
Epigenetics: Life beyond your genes	05.03.2021	30

Details of Seminar/Conferences /Webinar Attended by Faculty:

Name of the Teacher	Name of the Seminars/Conferences	Date
Prof. Soumen Bhattacharjee	One Day National Level Webinar on Modern Era of Scientific Research and Medical Ethics to Combat Corona Pandemic, organized by Departments of Chemistry, Zoology and IQAC, Jangipur College, Murshidabad, India	28.07.2020
	One Day National Level Webinar on “COVID-19 General Awareness & Control Measures” organized by Department of Zoology, Malda College, Malda, India.	06.08.2020
	Two Day International Virtual Conference on “Frontiers in Health Sciences” Organized by Cotton University, Guwahati and Department of Biosciences and Bioengineering, IIT-Guwahati and Indian Academy of Biomedical Sciences, Lucknow, India.	07-08.08.2020
	National Webinar on Vector borne diseases in NE India and their Public Health implications Organised by Zoological Society of Assam (ZSA), Guwahati.	09.08.2020
	International Webinar entitled “Insights from transdisciplinary approaches for responding to COVID-19 impacts in Aquatic-Social- Ecological systems” organized by Department of Zoology (ZSA Unit), Jawaharlal Nehru College, Boko under DBT Star Status Scheme, in collaboration with Zoological Society of Assam (ZSA), India.	15.08.2020
	Webinar on the DBT’s Autonomous Institutes to Covid-19 Part I organized by DBT, India and India Alliance	21.08.2020
Dr. Ritwik Mondal	International Webinar on Animal Ethics and Human Genomics by Dept. of Zoology & IQAC of Govt. Degree College, Araku Valley, Visakhapatnam	05.08.2020
	2-days State level webinar on Covid-19: Molecular aspects & its possible managements by Dept. of Zoology & Botany Suupported by IQAC, Kalna College, West Bengal	07-08.08.2020
	International Webinar on Insights from trans disciplinary approaches for responding to Covid-19 impacts in aquatic-social-ecological systems	15.08.2020
Dr. Arpan K. Maiti	Frontiers in Biological Sciences by Department of Micrbiology, St. Xavier’s University, Kolkata, India.	02-04.07.2020
	Emerging field of Chemistry and Biomedical Research by Department of Chemistry, Cooch Behar Panchanan Barma University, West Bengal, India	06-07.08.2020

Name of the Teacher	Name of the Seminars/Conferences	Date
	Insights from transdisciplinary approaches for responding to COVID-19 impacts in aquatic- social- ecological systems by Department of Zoology (ZSA Unit), Jawaharlal Nehru College, Boko under DBT Star Status Scheme, in collaboration with Zoological Society of Assam (ZSA).	15.08.2020
	Host-Microbe Interactions: Present and Future Perspectives by School of Biotechnology, Department of Life Sciences, Presidency University, Kolkata	06-07.08.2020
	'Covid-19: RT-PCR Diagnostics Therapeutics' organised by University of Kalyani in association with COM-JNM Hospital	05-07.08.2020
	'Confocal Microscopy and Image processing' organised by University of Kalyani (DST-PURSE II) in association with CARL ZEISS, India,	17-18.09.2020

Publications:

Name of the Author	Name of the Book/Journal/Volume	Year
Lala, M., Modak, D., Paul, S., Sarkar, I., Dutta, A., Kumar, A., Bhattacharjee, S. & Sen, A.	<i>Bulletin of the National Research Centre</i> 48: 81.	May 2020
Paul, S., Modak, D., Chattaraj, S., Nandi, D., Sarkar, A., Roy, J., Chaudhuri, T. K. & Bhattacharjee, S.	<i>Future Journal of Pharmaceutical Sciences</i> 7 (12): 1-8.	Jan 2021
Paul, A., Mukhopadhyay, T. & Bhattacharjee, S.	<i>International Journal of Aquatic Biology</i> 9 (1): 1-10.	Feb 2021
Modak, D., Paul, S., Sarkar, S., Thakur, S. & Bhattacharjee, S.	<i>BMC Complementary Medicine and Therapies</i> 21: 89. [IF=3.659]	Mar 2021
Bharati, M., and Saha, D.	Insecticide resistance status and biochemical mechanisms involved in <i>Aedes</i> mosquitoes. <i>Asian Pacific Journal of Tropical Medicine</i> 14(2): 52-63. Impact Factor 1.94.	Jan 2021
Subba, A., Bharati, M., Rai, P. and Saha, D.	Phytochemical composition of <i>Heracleum nepalense</i> D. Don fruit extracts and its activity against the larvae of <i>Aedes albopictus</i> (Diptera:	Jun 2020

Name of the Author	Name of the Book/Journal/Volume	Year
	Culicidae). <i>International Journal of Tropical Insect Science</i> 40, 373–383 (2020)	
Tilak Saha , Bipransh Kumar Tiwary. (Editors)	<i>Microbes, Environment and Human Welfare</i> (Edited). ISBN- 978-1-53617-945-3, Nova Science Publisher, USA.	Jul 2020
Amlan Jyoti Ghosh and Tilak Saha	Microbes, inflammation and type-2 diabetes mellitus in human- an intricate relationship, In <i>Microbes, Environment and Human Welfare</i> , Nova Science Publisher, NY, USA, ISBN: 978-1-53617-945-3.	Jul 2020
Tilak Saha	Soil microbiome to sustainable agriculture-role of soil fauna, In <i>Microbes, Environment and Human Welfare</i> , Nova Science Publisher, NY, USA, ISBN: 978-1-53617-945-3.	Jul 2020
Farha Yasmin, Sona Sutradhar, Poulami Das, Sourav Mukherjee	Gut melatonin: A potent candidate in the diversified journey of melatonin research, <i>General and Comparative Endocrinology</i> , Vol 303, IF - 2.822	Mar 21
Spoorthi BC, Sunil S More, Gautham SA, Shashwati Ghosh, Ishita Saha, Arpan K. Maiti	Role of Free Radical Scavenging Activity of Vasoactive Intestinal Peptide in the Attenuation of Mitochondrial Dysfunction to Ameliorate Dextran Sulphate Sodium-Induced Colitis in Mice: Implications in Ulcerative Colitis, <i>Journal of Digestive Diseases</i> , 21(12):711-723, IF 2.34	Aug 2020
Arpan K. Maiti	Detection and Treatment of Pesticide Induced Mitochondrial Diseases: Challenges Galore, <i>Research Trends in Life Sciences</i> (pp.71-84), Publisher: AkiNik Publications, ISBN: 978-93-90322-67-1	Jul 2020
Arpan K. Maiti , Spoorthi B.C., Shashwati Ghosh, Ishita Saha	Management of Ulcerative Colitis: Present and Future Treatments, (pp.29-42), Publisher: AkiNik Publications, Paperback ISBN: 978-93-90322-03-9	Aug 2020

Research Projects Details:

Title of the Project	PI	Sponsored by	Year of Sanction	Duration	Budget (Rs.)
Functional implications of endogenous gut melatonin on the rate of ovarian growth and development in carp <i>Catla catla</i>	Dr. Sourav Mukherjee	CSIR	2019	3 years	34,00,000

Title of the Project	PI	Sponsored by	Year of Sanction	Duration	Budget (Rs.)
Investigations on the impact of mitochondria-derived peptide Humanin and its analogue for maintenance of colon epithelial tract in ulcerative colitis using in vivo and in vitro models: Search for anti-colitogenic agents	Dr. Arpan K. Maiti	NBU	2020	1 year	1,50,000

Miscellaneous:

Dr. Ritwik Mondal has been appointed as the Regional Representative in-Charge, Society of Medical Arthropodology (SOMA) Regional Office, North-East Region, India (Ex-officio) w.e.f. 06/02/21.

B. Faculty of Arts, Commerce and Law

DEPARTMENT OF BENGALI

About the Department:

The Department of Bengali commenced its journey from 8th February 1965, three years after the establishment of the University of North Bengal. The basic objectives of setting up of the Department were the promotion of Vernacular education, systematic and scholarly study of Bengali literature and language and regional languages & literature as well.

In its long journey of last 48 years, it has most commendably performed its duties and successfully fulfilled its purpose. Initially the Department was started with only thirteen students in its present location. Over the years, the number of Students, Research Scholars and Teachers have increased. It has firmly established its worth in teaching and Research in the field of Bengali language and literature.

To cater the need, the Department of Bengali started its journey at the Jalpaiguri Campus, with Master of Arts programme from 16th August 2013. The Department offers two optional specializations in the groups of Kathasahitya and Madhya Youg in the Post Graduate level.

Courses Offered:

- M. A.
- M. Phil.
- Ph. D.

Research Focus:

- Ancient & Mediaeval Bengali Literature
- Baishnav Literature
- Modern Bengali Literature
- Literary Criticism
- Socio – Linguistic Study
- Folklore and folk culture

Student Strength:

Course	Male	Female	Total	SC	ST	OBC-A	OBC-B	Gen
Main Campus								
MA Sem – I	38	63	101	54	6	11	10	20
MA Sem III	37	66	103	49	4	13	16	21
Jalpaiguri Campus								
MA Sem – I	18	30	48	23	4	5	7	9
MA Sem III	14	28	42	21	3	5	6	7

Faculty Details:

Name	Qualification	Designation	Email
Prof. Manjula Bera	Ph.D.	Professor	manjulabera@nbu.ac.in
Prof. Nikhil Chandra Ray	Ph.D.	Professor	nikhilesray@nbu.ac.in
Dr. Utpal Mandal	Ph.D.	Professor	utpalmandal@nbu.ac.in,
Dr. Surya Lama	Ph.D.	Asst. Professor	suryalama@nbu.ac.in
Dr. Urbi Mukherjee	Ph.D.	Asst. Professor	urbi.2017@nbu.ac.in
Dr. Ashis Roy	Ph.D.	Asst. Professor	ashisroy@nbu.ac.in
Dr. Plaban Singha	Ph.D.	Asst. Professor	plabansingha@nbu.ac.in
Dr. Hasnara Khatun	M.Phil., Ph.D.	Asst. Professor	hasnarakhatun@nbu.ac.in
Sharmishtha Paul	MA, M.Phil.	Asst. Professor	sharmisthapaul@nbu.ac.in

Details of Non-Teaching Staff:

Name	Qualification	Designation
Rajib Goswami	B. Com	Jr. Superintend
Ramesh Chandra Singha	Madhyamic	Sr. Peon

Research Scholars:

Name of the RS	Name of the RS	Name of the RS
Abhishek Mondal	Madhurima Kar	Puja Chakraborty
Apu Barman	Manika Chakraborty	Purnima Das
Beauty Rakshit	Mallika Sannigrahi	Saijya Das
Bratati Singha	Mithun Thandar	Samiran Bera
Debasish Mandal	Moumita Sarkar	Sanam Nasrin
Jagadish Roy	Nandana Bandyopadhyay	Shrabanti Barman
Joynab Binte Hossain	Netai Ghosh	Subrata Bhattacharya
Kanika Roy	Piyali Das	Sudeshna Moitra
Latika Roy Poddar	Pradip Roy	Tapas Kumar Sardar

Project Scholars:

Name	Project	Gender	Year of Joining
Sharmishtha Paul	‘Malda Jelay Vinn Sopmodayer Manusher Dhormiyo Bi Swaher Swarup Sondhan’	Female	2021

Details of Seminar/Conferences /Webinar Attended by Faculty:

Name	Details	Date	Title of the Paper Presented
Prof. Manjula Bera	International Webinar organised by জাতীয় কবি কাজী নজরুল ইসলাম বিশ্ববিদ্যালয়, ময়মনসিংহ, বাংলাদেশ	26.03.2021	বাংলা ভাষি মানুষের জাতি ও জাঙ্গিসত্তার ইতিহাস
	International Webinar organised by জাতীয় কবি কাজী নজরুল ইসলাম বিশ্ববিদ্যালয়, ময়মনসিংহ, বাংলাদেশ	27.12.2020	বাংলাদেশ মুক্তিযুদ্ধে ভারত সরকার ও ভারতীয় জনগণের অভিব্যক্তি
	International Webinar organised by রাজগঞ্জ কলেজ এবং বানেশ্বর সারথীবালা মহাবিদ্যালয়	17.03.2021	মঙ্গলকাব্য : সেকাল ও একালের ভাবনায়
	International Webinar organised by Bankura University	13.07.2020	প্রবহমান বাংলা সাহিত্যে সময়চেতনা : ব্যক্তি ও সমষ্টির দ্বন্দ্ব
Prof. Utpal Mandal	Refresher Course on Natok o Natyacharcha, organised by UGC-HRDC-NBU	14.12.2020	Puranvabnar Biborton o Adhunik Bangla Natok
	International Webinar on নারীর অবমাননা-আত্মসংগ্রাম ও বিশ শতকের বাংলা সাহিত্য organised by Tufanganj College, Dinhatra College Collaboration and CBPBU	15-16.07.2020	নারীর অবমাননা ও আত্ম চেতনার ভিন্ন মাত্রা: মহাশ্বেতা দেবীর গল্প
	National seminar on Prahaman Bangla Sahitye Samoy Chetona: Vyakti O Samoy organised by Bankura University	15.07.2020	Unish Shatoker Nabajagoran: byakti o samoy
Dr. Urbi Mukherjee	International Webinar	27.06.2020	আলবেয়ারকামুর 'দ্যপ্লেগ' : অস্তিত্বের সংকট ও রূপকান্তিত বয়ান
	International Webinar	03-04.07.2020	'অমিয়ভূষণের নির্বাস: নরনারীর সম্পর্ক ও আধুনিকতার মাত্রা'
	Workshop	13-19.07.2020	Probohoman Bangla Sahitye Somay Chetona
	e-workshop	18-19.07.2020	Online Teaching, Learning and Evaluation
	UGC sponsored Short-Term Course	2-8.02.2021	Counseling and Stress Management

Name	Details	Date	Title of the Paper Presented
Dr. Surya Lama	International Webinar on ‘বাংলা সাহিত্যে ত্রি-বর্গ আলাপ’	19.08.202	Attended
	International Webinar on ‘আধুনিক বাংলা কবিতায় মহামারী’	21.08.2020	Attended
	International Webinar on ‘উপন্যাসের দ্বন্দ্বভূমিতে বন্দ্যোপাধ্যায়ত্রয়ী’	22.08.2020	Attended
	State level webinar on ‘নাটক : ভাষ্যে ও দৃশ্যে’	23.08.2020	Attended
	National level webinar on ‘An August Requiem- A Cultural Millieu : A Tribute to Rabindranath Tagore’	23.08.2020	Attended
	State level webinar ‘বিষাদ থেকে কবিতার উত্তরণ’	24.08.2020	Attended
	International webinar on ‘Environmental Theatre and language Teaching’	24-26.08.2020	Attended
	State level webinar on ‘শতবর্ষে সত্যজিৎ শিশু কিশোর সীমানা পেরিয়ে ফেলুদা’	26.08.2020	Attended
	State level webinar on ‘বাংলা ভাষা : মুখের ভাষা ও লেখার ভাষা’	27.08.2020	Attended
	International Webinar on ‘লোকসাহিত্যে আশাবাদ ও বর্তমান প্রাসঙ্গিকতা’	27.08.2020	Attended
	International Webinar on ‘বাংলা সাহিত্যে সামাজিক, রাজনৈতিক, সাংস্কৃতিক ও ধর্মীয় আন্দোলন’	28-29.08.2020	Attended
	সাহিত্য-সংস্কৃতির নানাদিক, চিরামতী পত্রিকা	19.09.2020	নেপালি ভাষা

Publications:

Name	Name of the Book/Journal/Volume	Year
Prof. Manjula Bera	Narayan Deber Padmapuran-e Bishay O Shilpo-kathamor Baichitrya, Mangalkabya Path O Parikrama, Manik Maitra O Tapas Mandal (Ed.), ISBN No – 978-81-951540-4-3	2021
	Baishnav Padabalar Bhasasaili, Bangiya Sahitya Samsad, ISBN : 978-81-938978-0-5	2020

Name	Name of the Book/Journal/Volume	Year
Prof. Utpal Mandal	Smriti-satta-vobishyoter Gan :Jyotsnay Veja Nakchabi, Batigharonline.com, Kalyani	2020
	Bartomane Bangla VasharSongkot o Samvabona bit.ly/easternnews.com	2020
	Bangla KobitarAdhunikota o RabindranatherKobita, Banglarmamatimanush.com, Online Journal from Kolkata	2020
	Uttor Karona : Agami, www.akaalbodhon.com, Online Journal from Dhaka, Bangladesh	2020
Dr. Urbi Mukherjee	সৃষ্টিদীঘলবাড়ী :কথনেরকথকতা’, Adhunik Bangla Upanyaser Gatiprokriti, Ajay Saha (ed), ISBN no. 978-93-88868-61-7	2020
	“ছ’ওমাহিনায় দুই মাইল বন খায়া ফেলেছে”, Ecocriticism O Bangla Sahitya, Susanta Mandal (Ed.), ISBN no. 978-93-87003-38-5	2021
Sharmishtha Paul	‘শরীর মনস্তত্ত্বের আখ্যানঃ হলদে গোলাপ’-সংশ্লুক পত্রিকা’, ISSN 2454-4884	2020
	ধর্মীয় আখ্যানে প্রথম ভ্রমণ কাহিনিঃ বিজয়রাম সেনের ‘তীর্থ-মঙ্গল’ – ‘মঙ্গলকাব্য পাঠ ও পরিক্রমা’, মানিক মৈত্র ও তাপস মণ্ডল (সম্পাদনা), ISBN-978-81-951540-4-3	2021
Dr. Ashis Roy	ঘনশ্যাম চৌধুরীর গল্প : চেনার মধ্যে অচেনা জগৎ, এবং মল্লয়া	2021

DEPARTMENT OF COMMERCE

About the Department

The Department of Commerce, University of North Bengal was established in 1965 with the purpose to promote state of the art teaching and research and in Business Operations and Management. The primary programme offered by the Department is Master of Commerce, with specializations offered Accounting Finance, Personnel Management and Human Resource Management, Marketing. The course curriculum has been designed according to the guidelines prescribed by the UGC and aims at equipping the students with technical and analytical skill in management of funds, people, markets and legal and economic environment of business so that they are capacitated to handle strategic and operational issue in corporate and non-corporate business house. The Department also runs a full time six-month Research Methodology course for Ph. D. scholars.

For administration of the courses, modern pedagogic techniques link case studies, business games, role playing etc. are used with appropriate audio-visual media. The examination and assessment processes consist of structured class tests, assignments, viva-voce and seminar presentations.

The faculties of this Department have diverse specializations to cater to the needs of teaching and research and has also been associated with a large number of universities, institutions and government departments. The department has organized national level seminars and workshops and contributed in development of teachers in the field of management by organizing Refresher Courses.

The alumni of this departments are placed as professional managers in banking insurance and other companies and as faculty in several universities, colleges and reputed management and professional institutes.

Courses Offered:

- M. Com.
- M. Phil.
- Ph. D.

Research Focus:

- Organizational Development
- Microfinance and Financial Inclusion
- Transport Economics
- Industrial Relations
- Corporate Finance
- Organizational Behaviour

Year-wise Student Strength:

Course	Year	Male	Female	Total	SC	ST	OBC-A	OBC-B	Gen
M. Com.	2020	57	43	100	21	16	1	18	46

Faculty Details:

Name	Qualification	Designation	Email
Palas Ranjan Sengupta	LLB, Ph.D., D.Litt.	Professor	senguptapalas@gmail.com
Samirendra Nath Dhar	MBA, Ph.D.	Professor	dharsnd@gmail.com
Indrajit Ray	Ph.D.	Professor	indrajitraynbu@gmail.com
Dipen Roy	MBA, Ph.D.	Professor	roydipennbu@rediffmail.com
Debabrata Mitra	Ph.D.	Professor	debabrata_nbu@yahoo.co.in
Debasis Bhattacharya	MBA, Ph.D.	Assoc. Professor	debasisnbu@gmail.com
Soumitra Sarkar	Ph.D.	Assoc. Professor	soumitrasarkar46@gmail.com
Gangotree Ghosh	Ph. D,	Assoc. Professor	ghoshgangotre@gmail.com
Joy Sarkar	M.Com.	Asst. Professor	jscnbu@gmail.com
Saraswati Lama	M.Com.	Asst. Professor	lamasaraswati03@nbu.ac.in
Jamaludden	Ph.D.	Asst. Professor	qjamaluddeen@gmail.com

Details of Non-Teaching Staff:

Name	Qualification	Designation
Rashik Lal Roy	Madhyamik (appeared)	Sr. Peon
Manik Das	H.S., Diploma in Computer	Office Assistant (Casual)

Details of Research Scholars:

Name	Fellowship Status	Supervisor's Name	Gender	Date of Joining
Pema Kisheb Yolmo	UGC NET JRF	Dr. D Bhattacharya	Male	06.01.2020
Sherab Wangdi	UGC NET JRF	Dr. Dipen Roy	Male	11.03.2021
Md. Nasim Ansari	UGC NET JRF	Dr. Jamaluddeen	Male	11.03.2021
Mintu Adhikary	UGC NET JRF	-	Male	11.03.2021
Dev Anand	UGC NET JRF	-	Male	20.03.2021
Bishal Routh	UGC NET JRF	-	Male	13.03.2021

Details of PhD Students (Without Fellowship):

Name	Supervisor's Name	Gender	Date of Admission in Ph.D. Course Work
Subrata Mallik	Prof. Dipen Roy	Male	02.01.2020
Serene Alam	Dr. Jamaluddeen	Female	02.01.2020
Suraj Agarwal	Prof. Palas R.Sengupta	Male	01.01.2020

Name	Supervisor's Name	Gender	Date of Admission in Ph.D. Course Work
Prasenjit Bhowmick	Prof. Palas R.Sengupta	Male	01.01.2020
Tanisha Kansal	Prof, Palas R. Sengupta	Female	01.01.2020
Prajjawal Pradhan	Dr. Jamaluddeen	Male	01.01.2020
Sanjukta Mahanta Mitra	Dr. Soumitra Sarkar	Female	02.01.2020
Surendra Kumar Saha	Dr. Jamaluddeen	Male	01.01.2020
Debarati Dev	Prof. Debabrata Mitra	Female	
Prasid Gurung	Dr. Soumitra Sarkar	Male	13.03.2021
Chhyodup Lepcha	Dr. Gangotree Ghosh	Male	12.03.2021
Kriti Shakya	Dr. Gangotree Ghosh	Female	12.03.2021
Lakpa Tashi Sherpa	Prof. Palas.R sengupta	Male	12.03.2021
Soumili Bishnu	Prof. Palas.R sengupta	Female	11.03.2021
Subhal Prasad			
Rajeev Dutraj	Prof. Palas.R sengupta	Female	.03.2021
Rajesh Kumar	Prof. Debabrata Mitra	Male	14.3.3031
Md Azharuddin		Male	19.03.2021
Subham Prasad		Male	12.03.2021
Alivia Ghosh	Prof. Palas.R sengupta	Female	02.01.2019
Suchismita Paul	Dr. Soumitra Sarkar	Female	10.12.2019
Pema Kisheb Yolmo	Dr. Debasis Bhattacharya	Male	06.01.2020

DEPARTMENT OF ECONOMICS

About the Department:

The Department of Economics, University of North Bengal was established on 2nd November, 1962. In keeping with curricular reform and development, the Department has instituted continuing evaluation of its students through Group-Discussions and a comprehensive Viva-voce examination, and a Term Paper in addition to written examinations held at the conclusion of each postgraduate semester.

Since the 8th Plan period, the Department has also imparted a field-orientation to its regular Postgraduate course through its Student Survey Programme (SSP), which offer rural sensitization to students of Economics, besides providing rigorous exposure to the entire investigative procedure involved in sample-surveys, ranging from sample drawal and execution of the SSP questionnaire, through tabulation and computation to the economic analysis of data and report presentation. Remedial teaching and student counselling using tutorial and preceptorial methods are also undertaken to help weaker students to frame answers to assignments and develop writing skills in the regular course work.

The Department has an active research programme under which many students have successfully worked for Ph.D. in Economics. As per new UGC regulations, 2009, entrance examination, compulsory course work, etc. have been duly introduced to ensure rigour in research. The Department has an impressive performance record in the NET and SLET Examinations, where several students of the Department have qualified till date for lectureship/JRF.

Courses Offered:

- M. A.
- M. Phil.
- Ph. D.

Research Focus:

- Inequality and Human Development
- Micro Economics
- Feminist and Gender Economics
- Infrastructure Economics
- Plantation Economics
- Gender and Tribal Economics

Year-wise Student Strength:

Course	Year	Male	Female	Total	SC	ST	OBC-A	OBC-B	Gen
M. A.	2021	09	22	31	01	02	02	01	28

Details of Course Completed by Students in 2020 - 21:

Course	Male	Female	Total	SC	ST	OBC-A	OBC-B	Gen
M. A.	11	11	22	03	02	02	01	14

Faculty Details:

Name	Qualification	Designation	Email
Prof. K K Bagchi	Ph.D.	Professor	econkkbagchi@nbu.ac.in
Prof. Sanchari Roy Mukherjee (on lien)	Ph.D.	Professor	sancharimeco@nbu.ac.in
Prof. Anil Bhumali (On lien)	Ph. D.	Professor	anilbhumali@nbu.ac.in
Ms. Sudakshina Ray	M.A	Assoc. Professor	sudakshina.ray@nbu.ac.in
Dr. Kanchan Datta	M.Phil., Ph.D.	Assoc. Professor	kanchandatta_72@nbu.ac.in
Dr. Tamash Ranjan Majumdar	Ph.D.	Asst. Professor	trmeco@nbu.ac.in
Dr. Govinda Choudhury	Ph.D.	Asst. Professor	govinda.c2006@nbu.ac.in
Dr. Amlan Majumder	MPS., Ph.D.	Assoc. Professor	amlan@nbu.ac.in
Mr. Karan Tamang	M.A.	Asst. Professor	karantamang_eco@yahoo.in
Dr. Zafar Iqubal	Ph.D.	Asst. Professor	zafareco@nbu.ac.in

Details of Non-Teaching Staff:

Name	Qualification	Designation
Nayan Jyoti Das Roy	Graduate	Junior Assistant cum Typist
Dolly Dey	Eight pass	Senior Peon

Details of Research Scholars:

Name	Fellowship Status	Supervisor's Name	Gender	Date of Joining
A Chakraborty	State-aided JRF	Dr. G Choudhury	Female	01.01.2020
Kishan Agarwalla	State-aided JRF	Dr. T R Majumdar	Male	03.01.2019
Jeherul Islam	SVMCM	Dr. A Majumder	Male	02.01.2020
Barnali Das	SVMCM	Dr. A Majumder	Female	02.01.2020
Y M Pradhan	SVMCM	Dr. G Choudhury	Male	01.01.2020
Rahul Mukhia	SVMCM	Prof. S R Mukherjee	Male	02.01.2020

Name	Fellowship Status	Supervisor's Name	Gender	Date of Joining
Trishala Rai	SVMCM	Prof. S R Mukherjee	Female	02.01.2020
Deepesh Chhetri	Sikkim Govt. Scholarship	Dr. K Datta	Male	16.12.2013
Sabahul Moazzam	SVMCM	Dr. Z Iqbal	Male	02.01.2020
Adarsh Rai	SVMCM	Dr. T R Majumdar	Male	01.01.2020
Pranay Sharma	SVMCM	Dr. G Choudhury	Male	01.01.2020
Ashish Moktan	SVMCM	Dr. A Majumder	Male	01.01.2020
Deep Gurung	SVMCM	Prof. S R Mukherjee	Male	01.01.2020
Palzor Dukpa	SVMCM	Dr. Z Iqbal	Male	02.01.2020
P K Prasad	SVMCM	Prof. K K Bagchi	Male	01.01.2020
Mousumi Saha	SVMCM	Dr. K Datta	Female	01.01.2020
Kuber Chettri	SVMCM	Dr. A Majumder	Male	04.01.2019
Dhanjit Sarkar	SVMCM	Prof. K K Bagchi	Male	04.01.2019
Bipasana Pradhan	SVMCM	Prof. S R Mukherjee	Female	03.01.2019
Biplob Roy	SVMCM	Dr. G Choudhury	Male	03.01.2019
Mayuri Sarkar	SVMCM	Dr. T R Majumdar	Female	04.01.2020
Esha Dey	SVMCM	Dr. K Datta	Female	03.01.2019

Details of PhD Students (Without Fellowship):

Name	Supervisor's Name	Gender	Admission in Ph.D. Course Work
Sulagna Chandra	Dr. T R Majumdar	Female	04.01.2019
Shah Alom	Dr. Z Iqbal	Male	02.01.2020
Amrita Banerjee	Dr. A Majumder	Female	20.12.2013
Surath Bir	Dr. A Majumder	Male	08.01.2016
Susovan Mondal	Dr. A Majumder	Male	01.01.2020
Sisir Das	Dr. K Dutta	Male	03.01.2019
Rajdwip Saha	Prof. K.K. Bagchi	Male	03.01.2019
Aabriti Sonar	Prof. S R Mukherjee	Female	03.01.2019
Bishal Rai	Dr. P Sengupta (St. Joseph College)	Male	03.01.2019
Gopal Haldar	Dr. K Dutta	Male	01.01.2020
Yankey Sherpa	Prof. S R Mukherjee	Female	07.01.2016
Sheela Karjee	Dr. G Choudhury	Female	08.01.2016
Tshering Chombay Lama	Prof. S R Mukherjee	Male	07.01.2016

Name	Supervisor's Name	Gender	Admission in Ph.D. Course Work
Tapan Kakati	Dr. T R Majumder	Male	30.12.2014
Nabaneeta Deka	Prof. K K Bagchi	Female	29.12.2014
Sujit Majumdar	Prof. K K Bagchi	Male	23.09.2011
Manik Aich Sarkar	Prof. K K Bagchi	Male	23.09.2011
Madhumita Das	Prof. K K Bagchi	Female	23.09.2011

Details of Seminars/Conferences/Webinar Organized:

Name of the Seminar/Conference/ Webinar	Date	Number of Participants
International Webinar on Post COVID Global Economy: A Rethink on Strategies and Policy	27 & 28 August 2020	500
National Webinar on Understanding Health Insurance and COVID Covers	19 August 2020	

Details of Seminar/Conferences /Webinar Attended by Faculty:

Name of the Teacher	Name of the Seminar/ Conference	Date
Dr. Amlan Majumder	International Webinar on Post COVID Global Economy: A Rethink on Strategies and Policy	27-28.08.2020
Prof. Kanak Kanti Bagchi	International Webinar on Post COVID Global Economy: A Rethink on Strategies and Policy	27-28.08.2020
Prof. Sanchari Roy Mukherjee	International Webinar on Post COVID Global Economy: A Rethink on Strategies and Policy	27-28.08.2020
Dr. Kanchan Datta	International Webinar on Post COVID Global Economy: A Rethink on Strategies and Policy	27-28.08.2020
Sudakshina Ray	International Webinar on Post COVID Global Economy: A Rethink on Strategies and Policy	27-28.08.2020
Dr. Tamash Ranjan Mujumder	International Webinar on Post COVID Global Economy: A Rethink on Strategies and Policy	27-28.08.2020
Karan Tamang	International Webinar on Post COVID Global Economy: A Rethink on Strategies and Policy	27-28.08.2020
Dr. Govinda Choudhury	International Webinar on Post COVID Global Economy: A Rethink on Strategies and Policy	27-28.08.2020

Name of the Teacher	Name of the Seminar/ Conference	Date
Dr. Zafar Iqbal	International Webinar on Post COVID Global Economy: A Rethink on Strategies and Policy	27-28.08.2020
Prof. Sanchari Roy Mukherjee	National Webinar on Understanding Health Insurance and COVID cover	19.08.2020

Details of Seminar/Conferences /Webinar Attended by Students:

Name of the RS/PS	Name of the Seminar/ Conference	Date
Sushovan Mondal	One day National webinar on “ India& COVID- 19 : Emerging Issues Organised, by Cooch Behar College	29.06.2020
Sushovan Mondal	One Day International Webinar on “Gender and development: some emerging Issues in recent pandemic situation”, Organised by Women Studies Cell, COP, Cooch Behar College in Collaboration with Women Studies Cell, NBU	21.07.2020
Sulagna Chandra	Remodeling Classroom: The Growing Relevance of Digital Pedagogy During Pandemic, organised by the Department of Education, Uttar Dinajpur	15.07.2020
Sulagna Chandra	International Webinar on Post COVID Global Economy: A Rethink on Strategies and Policy, organised by the Department of Economics, NBU	27-28.08.2020
Sulagna Chandra	International Online seminar on Liberalized Trade Policy with State Commitment to Growth: Case of India and Bangladesh, organised by Chhamaria Anchalik College, Assam	27.08.2020
Sulagna Chandra	National Webinar on Future of Globalization in the context of the Current Pandemic, organised by the Chhaygoan College, Assam	22.08.2020
Sulagna Chandra	Econometrics: Cross Section, Time Series and Panel Data Analysis Using Stata & EViews, Organised by Acharya Prafulla Chandra College, New Barrackpore in collaboration with Prasanta Chandra Mahalanobis Mahavidyalaya	26.11.2020 to 01.12.2020
Kishan Agarwalla	Issues and Challenges related to the Marginalised Population during the COVID 19 Pandemic, organised by Balurghat College	-

Publications:

Name of the Author	Name of the Book/ Journal/ Volume	Year
A Pariyar	Book: <i>Ensuring food security in India</i> . 1 st edition. Nitya Publications, Bhopal, ISBN:978-93-91257-39-2	2021
A Pariyar	Agriculture in the Hills: A Sustenance based system of Mountain Farming, <i>Alochana Chakra Journal</i> , Vol IX, Issue IV, IF 6.3, ISSN :2231-3990	2020
Alam, Iqubal, Zafar	Climatic and Non-Climatic influence on Food grain Production-Empirical Evidence from Indian Agriculture, <i>International Journal Management</i> , Vol 11, Issue 12, pp. 2544-2557	2020
Ata Nayak, K Paul & K K Bagchi	Population Ageing in India and its Neighbouring Countries with Special Reference to Social Security”, <i>PRAGATI: Journal of Indian Economy</i> , Vol. 8(1), Jan-Jun 2021, pp. 20-41	2021
G Shah, K K Bagchi & V Kalaiah	Book: <i>Education and Caste in India: The Dalit Question</i> , Routledge, ISBN: 978-0-367—74943-9	2020
K Agarwalla and K K Bagchi	Agricultural Marketing Practices in West Bengal with Reference to Potato-A Critical Review, <i>Indian Journal of Agricultural Marketing</i> , 35(1)	2021
K Agarwalla and K K Bagchi	Agricultural Marketing Practices in West Bengal with Special Reference to Potato - A Critical Review, <i>Indian Journal of Agricultural Marketing</i> , - Vol. 35 No.1 Pp. 128-140	2021
K Agarwalla and T R Majumder	The development of the fishery in the North Bengal region-Progress and Challenges, <i>Shodh Sanchar Bulletin</i> , Vol. 10, Issue 38 (IV) p. 31-38, ISSN - 2229-3620,	2020
K Agarwalla and T R Majumder	Determinants of Fisheries Production with Reference to selected Districts in North Bengal : A Panel Data Regression Analysis, <i>Shodh Sarita</i> , Vol. 7, Issue 26 (IV), p. 17-23, ISSN - 2348-2397,	2020
K Agarwalla and T K Ghosh	Role of WHO, World Bank and IMF to Control the COVID-19 Pandemic, <i>COVID-19 Pandemic and Its Multidimensional Impact</i> , ISSN:978-81-950760-2-4	2021
M Das & K K Bagchi	The Crisis of Space for Living in the Slums: A Case of Siliguri Municipal Corporation Area, <i>Man, Environment and Society</i> , Vol. 1, No. 1, p. 1-18	2020
M Das & K K Bagchi	Health and Healthcare Situation of Slum-dwellers of Siliguri Municipal Corporation Area: An Empirical Stud”, <i>Humanities and Social Science Studies</i> , Vol. 9, No.2, p. 65-73, ISSN-2319-829-X	2020

Name of the Author	Name of the Book/ Journal/ Volume	Year
M Das & K K Bagchi	Income and Consumption Pattern in the Slum Area of Siliguri Municipal Corporation: A Comparative Study of Inner and Outer Slum Dwellers”, <i>PRAGATI: Journal of Indian Economy</i> , Vol. 7 (1), pp. 101-120	2020
Majumder, A. and T. Kusago	A Simple working Formula of Gini Co-efficient with some common Software command codes, <i>Arthavijnana</i> (Journal of The Gokhale Institute of Politics and Economics) 62(3), p.219-224, ISSN: 0971-586X	2020

Research Projects Details:

Title of the Project	PI	Sponsored by	Year of Sanction	Duration	Budget (Rs.)
Sustainable Development and Livelihood Opportunities: A Study of Rural Livelihood in Eastern Himalayas	Dr. Govinda Choudhury	NBU	2020	1 year	1,00,000
Sustainable Development and Livelihood Opportunities: A Study of Rural Livelihood in Eastern Himalayas: A Gender Perspective	Prof. Sanchari Roy Mukherjee	NBU	2020	1 year	1,00,000

Miscellaneous:

- Dr. Govinda Choudhury participated in two-week online Faculty Development Programme on Preparedness towards Post Pandemic Teaching, Learning and Research from 6-18 July 2020, organised by Gitarattan International Business School, New Delhi
- Dr. Govinda Choudhury attended the online training programme on Fundamentals of Climate Change and Business Case for Action on 3 September 2020, organized by WRI India and CII.
- Dr. Amlan Majumder has been a Visiting Team Member of National Council for Teacher Education, New Delhi for inspection of a College in Rajasthan during 21-23 February 2021.

DEPARTMENT OF EDUCATION

About the Department:

The Department of Education is one of the newest Departments of University of North Bengal which was established in 2017. The purpose of the Department is to produce students having ability to develop leadership roles in developing effective educational environment. The students will also be able to apply current, credible learning theory and approaches to the assessment that indicates curriculum and programme. They will be able to process educational data and shape data driven process for educational improvement.

MA in Education (CBCS) course was introduced for the first time in the University of North Bengal from 2019-20 Session with 20 seat capacity. Ph.D. Course Work in Education has also been started from the year 2020.

Courses Offered:

- M. A.
- Ph. D.

Student Strength:

Course	Male	Female	Total	SC	ST	OBC-A	OBC-B	Gen
M. A. Sem I	3	10	13	4	2	4	0	3
M. A. Sem III	4	13	17	7	4	2	1	3

Faculty Details:

Name	Qualification	Designation	Email
Dr. Rupnar Dutta	M.A., M. Ed., Ph.D.	Asst. Professor	rupnardutta@nbu.ac.in
Paromita Das	M.Sc., M. Ed., M.A. (Edu), Ph.D. (pursuing)	Asst. Professor	paromitadas@nbu.ac.in

Details of Non-Teaching Staff:

Name	Qualification	Designation
Bishnupada Roy	Madhyamik Pass	Junior Assistant cum Typist
AnjanChaudhury	Class VIII Pass	Senior Peon

Publications:

Name of the Author	Publication Details	Year
Dr. Rupnar Dutta	Teacher Effectiveness of Trained Secondary School Teachers with respect to Gender: A Case Study of India, N. B. Publications, ISBN: 978-93-89234-58-9	2020
	Language Learning in Mother-tongue: Dimensions of Family Values and Indian Philosophy, N. B. Publications, ISBN: 978-93-89234-84-8	2020
	Mental Stress Coping in Pandemic Situation: Perspectives of Samkhya-Yoga Philosophy of Education, Authorspress, ISBN: 978-93-90891-55-9	2021

DEPARTMENT OF ENGLISH

About the Department:

The Department of English was one of the few Departments with which the University of North Bengal started functioning sixty years ago in 1962. Since then the Department of English has always been vibrated with teaching, research and extramural activities. In addition to the courses run in the Main Campus, the Department of English at the Jalpaiguri Campus has started journey since 2013 and presently offering MA in English.

Most of the teachers of the Department have international publications and visits to their credit. Some of them are engaged in collaborative work with universities abroad. Always innovative but earnestly student friendly, the staff of the Department have always been trying to keep the matter of teaching and research on a par with the current international standards.

A language lab, a well-stocked seminar library, a computer lab, and the audio-visual aids supplement the elan of the teachers to break new grounds. And the results of all these have always been satisfactory. The Department takes pride in regular output of brilliant students and researchers many of whom are well established academics home and abroad.

Courses Offered:

- M. A.
- M. Phil.
- Ph. D.

Research Focus:

- Literary and cultural theory
- Feminism and Gender Studies
- Comparative Aesthetics
- Indian Writing in English
- Postcolonial Theory
- American Literature

Student Strength:

Course	Male	Female	Total	SC	ST	OBC-A	OBC-B	Gen
Main Campus								
M. A. Sem I	33	80	113	37	8	10	12	46
M. A. Sem III	30	73	103	35	10	7	14	37
Jalpaiguri Campus								
M. A. Sem I	15	40	55	22	3	6	7	17
M. A. Sem III	8	27	35	13	2	1	3	16

Faculty Details:

Name	Qualification	Designation	Email
Ashis Sengupta	Ph. D.	Professor	ashmit2018@nbu.ac.in
Ranjan Ghosh	Ph. D.	Assoc. Professor	ranjanghosh@nbu.ac.in
Zinia Mitra	Ph. D.	Assoc. Professor	ziniamitra@nbu.ac.in
Bishnupada Ray	M. A.	Assoc. Professor	bishnuray@nbu.ac.in
Binayak Roy	Ph. D.	Asst. Professor	binayakroyeng@nbu.ac.in
Sumit Ray	M. A.	Asst. Professor	Sumitray77@nbu.ac.in
Kaushani Mondal	M.A.	Asst. Professor	kaushanimondal@nbu.ac.in
Nirmalya Biswas	M. Phil.	Asst. Professor	Nirmalya.biswas@nbu.ac.in
Kritika Chettri	M. Phil.	Asst. Professor	kritikachettri@nbu.ac.in
Pradipta Shyam Chowdhury	Ph. D.	Asst. Professor	pradiptashyamchowdhury@nbu.ac.in

Non-Teaching Staff Details:

Name	Designation
Ashim Kumar Roy	Group- C
Basudeb Sutradhar	Group-D

Details of Research Scholars:

Name	Fellowship Status	Supervisor's Name	Gender
Wasim Akram	UGC-JRF	Zinia Mitra	Male
Santosh Mahaldar	UGC-JRF		Male
Mousumi Hazra	NFSC		Female
Abhirupa Roy	State JRF	Ashis Sengupta	Female
Oindrila Chakraborty	UGC JRF	Binayak Roy	Female
Abhirupa Halder	UGC JRF		Female
Bidyut Barman	NFSC		Male
Jyotirmoy Biswas	NFSC		Male
Agnibha Maity	UGC JRF	Ranjan Ghosh	Male
Sucheto Nath	UGC JRF		Male
Nabanita Roy	UGC JRF		Female

Details of PhD Students (Without Fellowship):

Name	Supervisor's Name	Gender
Souyadeep Ghosh	Zinia Mitra	Male

Name	Supervisor's Name	Gender
Karishma Oraon		Female
Avijit Ghosh	Binayak Roy	Male
Anik Sarkar	Ranjan Ghosh	Male
Gargi Dutta	Pradipta Shyam Chowdhury	Female
Somashree Sarkar		Female
Sayan Chatarjee		Male

Details of Seminar/Conferences /Webinar Attended by Faculty:

Name	Details	Date	Title of the paper presented
Zinia Mitra	Two Days International Webinar 'Gender and Resilience :Issues and Perspectives', organised by Malda College	09.03.2021	"Women and Resilience : The Gender Paradox"
	Webinar '#ChooseToChallenge' organised by Intercultural Poetry and Performance Library. ICCR ,Kolkata	07.03.2021	"#ChooseToChallenge"
	Invited E-Lecture series at Kandra Radhakanta Kundu Mahavidyalaya	10.09.2020	"They thought Death was worth it, but/ Have a self to recover, a queen" Poetry and Sylvia Plath"
	Women's Studies and Feminism, RC organised by UGC-HRDC-NBU	13.01.2021	"Women's Studies and Feminism"
	RC organised by UGC-HRDC-NBU	04.12.2020	"100 Years of Women Suffrage in the United States"
Binayak Roy	ICSSR-ERC Sponsored National Webinar on "Society, Disaster & Resilience: Lessons from Literature", organised by Surya Sen Mahavidyalaya, Siliguri	08.02.2021	"Precarity in Transit: Migrant Labour in Amitav Ghosh's Novels"
P S Chowdhury	International Webinar on Transforming Disciplines: The Impact of Gender organised by Hiralal Bhakat College	24-25.07.2020	Bromance in Bollyhood: Re-viewing Sonu Ke Titu Ki Sweety

Name	Details	Date	Title of the paper presented
	International Web Lecture Series organised by Onda Thana Mahavidyalaya	01-06.06.2020	Widows and Widowhood in Bapsi Sidhwa's <i>Water</i> : Reviewing Social Distancing
	International Web Lecture Series organised by Bankura Christian College	20.06.2020 to 05.07.2020	Feminist Press in India: Issues and Concern
	Online Lecture Series organised by Calcutta Comparatists 1919	04.01.2021	Writing the City: Lahore as a Heterotopia
Kritika Chettri	International Conference on 'Rethinking the Politics of Memory in South Asia' organised by Swedish South Asian Studies Network	9-10.12.2020	"The Experience of Reconciliation and Remembrance in post war Nepal: A Reading of Tara Rai's Chapamar Yuwati ko Diary"
	52 nd Annual Convention of the Northeast Modern Language Association (NEMLA)	10-14.03.2021	"Femininity as a Tactics within Military Cultures: A Reading of Two Memoirs by Nepali Women"
	International Conference on 'No Place to Go? Perspectives on displacement, belonging and non-belonging' organised by University of Delhi	18-20.03.2021	"Between Reality and Fantasy: The Burma Stories of Indra Bahadur Rai"
	Friday Colloquium Lecture Series organised by Centre for Himalayan Studies, NBU	12.03.2021	"Memory as Agency in the Narratives by Women from the Nepali Civil War"
Kaushani Mondal	Lecture at Salesian College, Siliguri	16.03.2021	"What is the Post in Post-Graduation?"

Publications:

Name	Publication Details	Year
Zinia Mitra	Fourth Wave Feminism: Social Media and (SI)Activism. <i>Kitaab International</i>	2020

Name	Publication Details	Year
	The Concept of Motherhood in India: Myths, <i>Theories and Reality</i> , UK, Cambridge Scholars Publishing.	2020
	Sukumar Ray, Master of Science and Nonsense, Book: <i>Non-Sense and Sensibility : A Critical Study of Sukumar Ray's Abol Tabol</i> , Ed. Debaditya Chakraborty & Rajarshi Bagchi, Book Valle , Kolkata ISBN 798-93-83265-55	
	Who says Language needs words? Book: <i>Newness and Difference in the Selected works of K. Satchidanandan</i> ' Kalyan Bharati ,Vol 36, no.XIV.ISSN -0976-0822	2021
	Illucutionary and Prelocutinary Acts in the 'Nunnery' Scene (III,i) of Shakespeare's Hamlet', <i>Teresian Journal of English Studies</i> , Vol XII, Issue III. ISSN-09756302	2020
	Personal Space? Women and Leisure: a Brief Appraisal, <i>Journal of Women's Studies</i> , Vol IX, ISSN-2320-3625	2020
	There's no place like home: from cultural plurality to convergence in remote heartbeats', <i>Text Special Issues</i> No. 60 ISSN: 1327-9556	2020
	We all are 'Siamese Twins'. <i>Teesta Review: An International Journal of Poetry</i> , Vol 3, No 1. ISSN: 2581-7094	2020
	Christina Houen, This Place You Know. <i>Journal of Writing and Writing Courses</i> , Vol 24, No. ISSN 1327 - 9556	2020
Ranjan Ghosh	Trans(in)fusion: Reflections for Critical Thinking	2020
	Plastic Controversy, <i>Critical Inquiry</i> , University of Chicago Press	2021
	'Whipping Homer, Cudgeling Shakespeare: Thinking Canon-Tradition', <i>Symploke</i> , Nebraska University Press	2020
	The Dharma of World Literature', in <i>Philosophy of World Literature</i> Ed. Jeffrey Di Leu, London: Bloomsbury	2020
Binayak Roy	"The Conflagration of Community": Amitav Ghosh's The Circle of Reason. <i>Postcolonial Text</i> , Vol 15, No 2, pp. 1-20, ISSN 1705-9100,	2020
	Exception, Precarity and the Possibility of Art: Amitav Ghosh's The Glass Palace. <i>Alterity Studies and World Literature, Special Double Issue, "Dealing with Precarity"</i> , Issues 2 & 3, ISSN 2209-2412, pp. 24-43	2020
	The Shadow Lines and the Dialogism of Adda, <i>Crossing the Shadow Lines: Essays on the Topicality of Amitav Ghosh's Modern Classic</i> . Ed. Esterino Adami, Carmen Concilio and Alessandro Vescovi. University of Turin, 2020. ISBN: 9788875901738. Pp. 141-156.	2020

Name	Publication Details	Year
	“Not at Home in Empire”: Amitav Ghosh’s <i>The Glass Palace</i> . <i>Journal of Global Postcolonial Studies</i> . (Fall Issue). University of Florida Press, ISSN: 2643-8380	2020
Kritika Chettri	Humility and the Humble: A Reading of the Nepali Short Stories of Maheshbikram Shah, <i>Short Fiction in Theory and Practice</i> , 10:2, pp. 191-207	2020
Sumit Ray	<i>Crossing the Shadow Lines: Essays on the Topicality of Amitav Ghosh’s Modern Classic</i> . Ed. E. Adami, C. Concilio and A. Vescovi, University of Torino, Italy	2021

Research Projects Details:

Title of the Project	PI	Sponsored by	Year of Sanction	Duration	Budget (Rs.)
Translating Conflict in the Short Stories of Maheshbikram Shah	Kritika Chettri	NBU	2020	1 year	1,00,000

DEPARTMENT OF HINDI

About the Department:

The Department of Hindi, NBU was opened under the Xth plan of U.G.C. in the year 2004. Since the University of North Bengal is geographically located in a multilingual zone, the Department therefore plays an important socio-cultural role as Hindi being bridge between various languages and cultures.

The Department of Hindi, NBU has a Seminar Library for the academic betterment of staff, research scholars and students. It has a wall magazine namely 'Chetna' which is a platform of literary expression of students. This wall magazine reflects the thought making efforts of students of the Department.

The Department of Hindi, NBU organizes monthly Departmental Seminars in which students of the Department are trained to orate in the guidance of teachers. Apart from these activities, the Department keeps watchful eyes on the all-round development of its students.

Courses Offered:

- M. A.
- M. Phil.
- Ph. D.

Research Focus:

- Contemporary Hindi Poetry
- Katha Sahitya
- Hindi alochana
- Hindi Kahani

Student Strength:

Course	Male	Female	Total	SC	ST	OBC-A	OBC-B	Gen
M. A. Sem-I	10	25	35	08	03	02	08	14
M. A. Sem-III	04	32	36	05	08	03	03	17

Faculty Details:

Name	Qualification	Designation	Email
Dr. Manisha Jha	Ph. D.	Professor	manishajha@nbu.ac.in
Dr. Sunil Kr. Dwivedi	Ph. D.	Professor	sunilkumardwivedi@nbu.ac.in
Dr. Manoj Biswakarma	Ph.D.	Asst. Professor	manojbiswakarma@nbu.ac.in

Name	Qualification	Designation	Email
Dr. Bijay Kumar Prasad	M. Phil., Ph. D.	Asst. Professor (Contractual)	bijayhcu2010@gmail.com
Dr. Sachhidanand Kaushal	Ph. D.	Asst. Professor (Contractual)	kaushal.sachhida@gmail.com

Details of Non-Teaching Staff:

Name	Qualification	Designation
Sri Samiran Chakraborty	B. Sc.	Office Assistant (Contractual)
Smt. Jasinta Oraon	VIII	Sr. Peon

Details of Research Scholars:

Name	Fellowship Status	Supervisor's Name	Gender	Date of Joining
Durgawati Prasad	NBU Fellowship (SRF)	Dr. Manisha Jha	Female	08.08.2018

Details of PhD Students (Without Fellowship):

Name	Supervisor's Name	Gender	Date of Admission in Ph.D. Course Work
Prashanta Sarkar	Dr. Sunil Kr. Dwivedi	Male	23.09.2011
Pappujit Singh	Dr. Sunil Kr. Dwivedi	Male	17.12.2013
Gautam Singh Rana	Dr. Sunil Kr. Dwivedi	Male	29.12.2014
Chaturanan Jha	Dr. Sunil Kr. Dwivedi	Male	01.12.2012
Emerencia Xalxo	Dr. Manisha Jha	Female	29.12.2014
Pradip Kumar Thakur	Dr. Manisha Jha	Male	29.12.2014
Pinky Jha	Dr. Manisha Jha	Female	18.09.2017

Details of Seminar/Conferences /Webinar Attended by Faculty:

Name	Details	Date	Title of the Paper Presented
Prof. Manisha Jha	Refresher Course organised by the UGC – HRDC - University of Calicut	16.11.2020	Samkaleen Kavita Our Paryavaran.

Name	Details	Date	Title of the Paper Presented
Prof. Sunil Kumar Dwivedi	Online Workshop organised by Kavayitri Bahinabai Chaudhary Uttar Maharashtra University, Jalgaon & Moolji Jaitha College, Jalgaon	06.11.2020	Hindi Ki Rashtriya Kavyadhara.
Dr. Manoj Biswakarma	National Seminar organised by Uttar Banga Hindi Granthagar	03-04.03.2021	Patrakarita Evam Sanchar Madhayamon Mein Hindi Bhasha Ki Upyogita Evam Bhumika
Dr. Sachhidanand Kaushal	International Webinar on Acharya Hazari Prasad Dwivedi : Srishti Evm Drishti organised by Ranchi University	19-20.08.2020	Acharya Hazari Prasad Dwivedi: Srishti Evm Drishti

Details of Seminar/Conferences /Webinar Attended by Students:

Name of the Student	Details	Venue & Date
Emerencia Xalxo	National Conference (Virtual)	20-21.07.2020
Pradip Kumar Thakur	International Webinar organised by Bhartiya Bhasha Parishad	29.08.2020
Goutam Singh Rana	International Webinar organised by Asansol Girls College	12-13.09.2020

Publications:

Name of the Author	Publication Details	Year
Prof. Manisha Jha	Sau Varsh Baad Chhayavaad, Book: <i>Chhayavaad Ke Sau Saal</i> , New Delhi	2021
Prof. Sunil Kumar Dwivedi	Chhayavaad Ka Prakriti-Sandarbh Aur Mahatma Gandhi, <i>Anusandhan</i> , Vol. 15-16, ISSN-2249-9318	2020
	Kaviguru Evam Mahatma Hone Ka Arth, <i>Hindi Anusheelan</i> , Vol. 2-3, ISSN-2249-930X	2020
	Anishchitaton Ka "Juloos", <i>Lamahi</i> , Vol. 02, ISSN-2278-554X	2020
	Dirghatapa : "Kalank Mukti" Ka Vibhram Ya Yatharth, <i>Banas</i> Vol. 41, ISSN-2231-6558	2021

Name of the Author	Publication Details	Year
	Katha-Prayukti Ka Vaikalpik Sansar: Renu Ki Kahaniyan, <i>Samvet</i> , Vol.17, ISSN-2321-6131	2021
	Nabhikiya Vikiran Ka Vishpan Kar “Marang Goda Nilkanth Hua”, <i>Hindi Upanyas: Ek Vistrit Adhyayan</i> , ISBN- 978-93-88858-69-4	2020
Dr. Bijay Kumar Prasad	Hindi Dalit Atmkathaon Main Stri Ki Samajik Sthiti, <i>Interdisciplinary Journal of Contemporary Research</i> , Vol. 07, ISSN-2393-8358	2020

DEPARTMENT OF HISTORY

About the Department:

The Department of History was established in the year 1964, just two years after the foundation of this University. The history of this Department is indeed decked with the contribution of many academicians, teachers, research scholars, students, non-teaching members, and others.

In 1965, with the initiative of Professor Pranab Kumar Bhattacharya, the then Head of the Department, a University level museum, primarily intended for collecting, preserving, and exhibiting objects of Indian art and antiquity, was founded and named after Akshaya Kumar Maitreya, the famous historian of the colonial period. It is one of the very few History Departments of our state which in its syllabus has well-delineated specializations pertaining to the ancient, medieval, modern and contemporary periods.

For more than five decades, this Department has produced able students, researchers, teachers, and a number of academicians who have received acclamation from every nook and corner of the country. Now the Department offers Post Graduate, M.Phil. and Ph.D. courses, besides, giving NET/SET coaching, remedial classes. The Department also conducts Study Tour every year for the fourth semester Post Graduate students. It has also received various seminar and research grants from UGC, ICSSR, etc. time to time. Significantly, it publishes a peer-reviewed and UGC approved journal, known as Karatoya. The Department has organized a number of special lecture programmes by eminent historians and academicians. From the year 2019, the Department has also initiated a monthly Faculty Lecture Programme with a view of sharing the research orientations of the in-house faculty members.

Courses Offered:

- M. A.
- M. Phil.
- Ph. D.

Research Focus:

- Early Medieval Indian History
- Diaspora Studies
- Social and Cultural History of Bengal
- Ancient Indian History
- Regional history
- Tribal History

Student Strength:

Course	Year	Male	Female	Total	SC	ST	OBC-A	OBC-B	Gen
MA	2021	38	40	78	32	9	9	11	17
	2020	47	60	107	45	16	14	8	24

Faculty Details:

Name	Qualification	Designation	Email
Prof. B K Sarkar	M.Phil, Ph.D.	Professor	bksarkar58@nbu.ac.in
Dr. Dahlia Bhattacharya	M.Phil, Ph.D.	Assoc. Professor	dahliahistory@nbu.ac.in
Dr. Sudash Lama	Ph.D.	Assoc. Professor	lmasudash@nbu.ac.in
Dr. Varun Kr. Roy	M.Phil, Ph.D.	Asst. Professor	varunkroy@nbu.ac.in
Dr. Amrita Mondal	M.Phil, Ph.D.	Asst. Professor	amrita1mondal@nbu.ac.in
Dr. Tahiti Sarkar	M.Phil, Ph.D.	Asst. Professor	tahitisarkar@nbu.ac.in
Dr. Dipsikha Acharya	Ph.D, PDF	Asst. Professor	dipsikhaacharya@nbu.ac.in
Dr. Verma Priyadarshini	M.Phil, Ph.D.	Asst. Professor	vermapriyadarshini@nbu.ac.in

Details of Non-Teaching Staff:

Name	Qualification	Designation
Sharmistha Das	B. Com, Diploma in Museum Studies	Senior Assistant
Somnath De	M.P	Casual Gr. D

Details of Seminar/Conferences /Webinar Organised:

Name of the Seminars/Conferences	Date
Webinar entitled "Adaptations and Challenges from Pre-Covid to Post COVID Era: A Crucial Juncture of Human History?"	11-12.01.2021
Webinar entitled "On Interpreting the Colonial and Post-colonial Economy in India"	22.01.2021

Details of Seminar/Conferences /Webinar Attended by Faculty:

Name	Name of the Seminars/Conferences	Date	Title of the Paper Presented
Dr. Sudash Lama	Re-Imagining Domains of Exclusions amid Covid-19: Virtual Classroom and Deprivation on Students of Marginal categories during the pandemic, organised by Darjeeling Govt. College	19.11.2020	Re-Imagining Domains of Exclusions amid Covid-19: Virtual Classroom and Deprivation on Students of Marginal categories during the pandemic
	Decoding Covid-19 and Allied Issues, organised by Islampur College	08.09.2020	Alternative Education System and Tribal's Responses: Studying the impact of Covid-19 on education of Tribal Students of West Bengal

Name	Name of the Seminars/Conferences	Date	Title of the Paper Presented
	Role of law in the globalized World, organised by UGC-HRDC-NBU	27.11.2020	Resource Person
Dr. Varun Kumar Roy	The impact of covid pandemic on mental health well being : lessons to be learned, organised by Gorubathan Govt College	03.11.2020	Resource Person
Dr. Tahiti Sarkar	Man- Nature Through the Lens of Eco-criticism, organised by University of Delhi	06.11.2020	British Forest Policy and Everyday Resistances Of People: An Overview Of Colonial Darjeeling
	History of bengal from micro to macro, organised by Manikchak College, Malda 24 th & 25 th July, 2020.	24- 25.07.2020	Attended
	Disease, medicine & healthcare in our country: colonial & indigenous encounters, organised by Khejuri College, Medinipur	Sept, 2020	Attended
	Refresher Course in History, by UGC-HRDC-NBU	2020	Attended
	Workshop on recent trends in modern indian history: society, economy, and polity	2020	Attended
Dr. Dipsikha Acharya	Seven Days online lecture Series in History, organised by Raghunathpur College	25- 31.08.2020	Archaeology, Museum, Conservation: Pillars for Preserving Cultural Heritage
Dr. Verma Priyadarshini	Online Workshop on Research Methodology and Publication Ethics, organised by Jawaharlal Nehru University	22- 23.10.20 20	Attended
	Online FacultyDevelopment Programme on ICT enhanced teaching learning and creating MOOCs, organised by Shivaji College and Ramanujan College, Delhi	18- 25.08.2020	Attended

Name	Name of the Seminars/Conferences	Date	Title of the Paper Presented
	Lecture series on Gendered Society, organised by Mahatma Gandhi Central University	29-30.07.2020	Attended
	International Webinar on “Rise and Fall of Buddhism in Central Asia”, organised by Central University of Himachal Pradesh in collaboration with International Buddhist Confederation, -New Delhi	07.07.2020	Attended
	Webinar on "Cultural Dialogue in South Asia and Beyond: Narratives, organised by Jesus and Mary College, Delhi	30.07.2020	Attended
	International Online Workshop on research methods and approaches to migration and diaspora studies, organised by Central University of Gujarat in collaboration with University of East London, U.K.	30.06.2020 to 02.07.2020	Attended
	National Webinar on Pandemic Perspectives: Echoes from the Past to Present, organised by Central University of Himachal Pradesh in collaboration with Thakur Jaidev Chand Smriti Shoah Sansthan, Himachal Pradesh	06.06.2020	Attended
	Webinar on "Colonialism and History of Epidemics: Lessons from the Past", organised by Jesus and Mary College, Delhi	08.06.2020	Attended

Publications:

Name of the Author(s)	Publication Details	Year
Dr. Dahlia Bhattacharya	Gandji's Visit to Burma : Understanding the Burmese Resistance against Colonialism and Imperialism (1902-1029). <i>An Interdisciplinary Journal of History</i> . Vol-20. No-20.	2020
	A Step towards Liberation : re-visiting the English writing of Begum Rokeya, <i>Journal of Women's Studies</i> , Volume- IX University of North Bengal, CWS	2020
	Bengali Revolutionaries and Burma: Swadeshi, Boycott and Extremism, <i>In Tribute to An Icon Essays in Memory of Prof. D.P. Sinha</i> . Sagnik Books	2020
	Taming the Mind: Women in the Lunatic Asylums of Colonial Bengal, <i>Journal of Women's Studies</i> , Volume- X University of North Bengal, CWS	2021
Dr. Sudash Lama & Dr. John B. Tirkey	Academic Performance of the Scheduled Tribe students in West Bengal, Book: <i>Social Inclusion and Education in India, Scheduled Tribes, Denotified Tribes and Nomadic Tribes</i> , Routledge, Taylor & Francis Group, pp 85-99	2020
Dr. Sudash Lama & Prasenjit Roy	Akshay Kumar Maitreya and his scholastic World, <i>Journal of People's History and Culture</i> , Vol. 6, No.2	2020
Dr. Sudash Lama & Badal Roy	A Survey of Obsolete Traditional Games and Sports of North Bengal: A Historical perusal, <i>South Asian Anthropologist</i> , Vol 20, No 2	2020
Dr. Sudash Lama	The Dynamics of Religious Transformation of the Tamang Community of the Sub-Himalaya: Historical Perspective, <i>Karatoya</i> , Vol. 14	2021
Dr. Varun Kumar Roy	The Magh Raiders and the Mughals in the First half of 17 th Century, <i>Karatoya</i> , Vol. 14	2021
	Growth and Evolution of Administrative space in Provincial Bengal(Circa1757-185), <i>International Journal of Integrated Research and Development</i>	2020
	A New Urban Space in Medieval Bhagalpur: The Study of the Growth of Markets, <i>International Journal of Integrated Research and Development</i>	2021
	Land and Water communication in 18 th Century colonial Bengal, <i>Journal for Social Development</i> , Vol. 13, No. 4	2021
	Urbanisation in bhagalpur under the mughals, in Book, N.L.Publishers	2021
Dr. Tahiti Sarkar	British Forest Policy and Everyday Resistances of People: An Overview of Colonial Darjeeling, <i>Journal of</i>	2020

	<i>People's History and Culture</i> ISSN: 2395-7379, Vol. VI, No. 2	
Dr. Dipsikha Acharya and Bidhan Halder	A Note on a Hitherto Unpublished Votive Tablet from Abhana/ Avana in the District of Balasore, Odisha', <i>Journal of Bengal Art</i> , Vol 25, pp 809-818.	2020
Dr. Dipsikha Acharya	The Major Schools of Post-Gupta Developments in Southern India - The Pallava, Chola and Hoysala Styles'. Volume VIII Sculpture, Painting, Terracottas, Performing Arts and Architecture, Series: <i>History of Ancient India</i> (Ed. Dilip K. Chakrabarti), New Delhi: Aryan Books International, Page Nos: 257-310	2020
	'Forms of the Stupas'. Volume VIII Sculpture, Painting, Terracottas, Performing Arts and Architecture, Series: <i>History of Ancient India</i> (Ed. Dilip K. Chakrabarti), New Delhi: Aryan Books International, Page Nos 641-668	2020

Research Projects Details:

Title of the Project	Sponsored by	Year of Sanction	Project Budget
Serampore Mission and Promotion of Scientific Temperament in Bengal, 1800-1840	NBU	2019	1,00,000/-
British forest policy in Darjeeling (1865-1947): identifying colonial roots of environmental history in the eastern himalayas."	NBU	2020	Rs. 1,00000/-

DEPARTMENT OF LAW

About the Department:

The journey of the Department of Law began in 1974 as University Law College and was housed in the building of Art. In the year 2000 it was upgraded to the status of a Department of North Bengal University. The Department is now located in the South Campus of the North Bengal University and has an independent building of its own with a sprawling and exclusive campus.

The North Bengal University is one of the six Universities in the State of West Bengal imparting legal education and covers the entire region of the state and the Eastern and North Eastern region of India. This Institution has also the reputation of attracting students from the neighbouring countries like Bangladesh, Bhutan and Nepal.

The Department aims at education that brings forth academic excellence, provides opportunities to nurture all round development of the young personality, stimulate and develop creative thoughts in them, so that they may become worthy citizens of India caring for others, ensuring justice to the tortured and having a sense of duty and responsibility to the society. It introduces students to a wider world of experience and a larger sphere of activities, cooperation with their fellowmen and inculcates habits of order, sense of responsibility and accuracy.

Courses Offered:

- B.A. LL. B. (Hons.)
- LL. M.
- M. Phil.
- Ph. D.

Research Focus:

- Human Rights
- Constitutional and Administrative Law
- Refugee and Immigration Law
- Public International Law
- Procedural Laws
- Cyber Laws
- Corporate Law
- Jurisprudence

Student Strength:

Course	Year	Male	Female	Total	SC	ST	OBC-A	OBC-B	Gen
LLB	Sem I	182	264	446	91	30	52	27	246
	Sem III	167	248	415	89	31	42	24	229
	Sem V	145	211	356	79	28	27	15	207
	Sem VII	149	219	368	86	30	25	19	208
	Sem IX	129	223	352	83	31	10	07	221
LLM	Sem I	14	20	34	7	3	1	4	19
	Sem III	2	11	13	2	1	0	1	9

Faculty Details:

Name	Qualification	Designation	Email
Prof. Gangotri Chakraborty	PhD	Professor and HoD	gangotrichakraborty@gmail.com
Prof. Rathin Bandyopadhyay	PhD	Professor	rathinbanerjee@gmail.com
Dr. Sujit Kumar Biswas	PhD	Assoc. Professor	sujitkbiswas@yahoo.com
Ms. Prerna Lepcha	LLM	Asst. Professor	prernalepcha18@nbu.ac.in
Ms. Neelam Lama	LLM	Asst. Professor	neelamlama@nujs.edu
Dr. Sangeeta Mandal	PhD	Asst. Professor	sangeetanbu@gmail.com
Dr. Sanyukta Moitra	PhD	Asst. Professor	sanyuktamoitra@gmail.com
Dr. Soma Dey Sarkar	PhD	Asst. Professor	somadsarkar45@gmail.com
Dr. Chandrani Chatterjee	PhD	Asst. Professor	chandranidc@gmail.com
Dr. Dipankar Debnath	PhD	Asst. Professor	ddnslg@rediffmail.com
Mr. Shubhajit Bhattacharjee	LLM	Asst. Professor	subhajitrupam94@gmail.com
Dr. Sanjay Dutta	PhD	Asst. Professor	sanjaydutta.slg@gmail.com
Ms. Taniya Basu Majumdar	MA	Asst. Professor	taniyabasu2014@gmail.com
Mr. Shubhajeet Shome	MA	Asst. Professor	shubhajeet.777@gmail.com
Ms. Suparna Bandyopadhyay	LLM	Teaching Asst.	suparnabandyopadhyay21@gmail.com
Ms. Sagnika Das	LLM	Research Asst.	sagnika.mtb10@gmail.com
Ms. Ashima Rai	LLM	Research Asst.	ashimairai1993@gmail.com
Ms. Upala Basu	LLM	Research Asst.	basu.upala4@gmail.com
Ms. Sukanya Kar	MA	Guest Faculty	sukanyakar@outlook.com
Ms. Nabonita Roy	-	Guest Faculty	nabonita24roy@gmail.com
Mr. Bijoy Saha	LLB	Guest Faculty	bs62943@gmail.com
Mr. R.K Agarwal	LLM	Guest Faculty	naresh294@yahoo.co.in
Mr. Rahul Mishra	LLB	Guest Faculty	rahul.lawyer@gmail.com
Mr. Deepak Sharma	LLB	Guest Faculty	deepaksharma_advocate@rediffmail.com

Details of Non-Teaching Staff:

Name	Qualification	Designation
Mr. Arunava Choudhury	B.Com	Sr. Superintendent

Name	Qualification	Designation
Mr. Samir Kr. Roy	M. Sc., PGDIT	Technical Assistant Gr-III
Mr. Santanu Chanda	M.Sc. MLIS	Assistant Librarian(Sr. Scale)
Mr. Bachchu Ch. Dey	Class VIII Pass	Sr. Peon
Mr. Babla Nag	M.A.	Sr. Assistant
Mr. Bhaskar Pal	B.Com	Casual Gr-III Employee
Mr. Anjan Choudhury	Class VIII Pass	Sr. Peon
Mr. Bechan Mallick	Class IX Pass	Gr-D Casual Employee
Ms. Mithu Dhar	Class IX Pass	Man-days Group –IV Employee

Details of PhD Students (Without Fellowship):

Name	Supervisor's Name	Gender	Date of Admission in Ph.D. Course Work
Pranay Rai	Prof. R Bandyopadhyay	Male	20.05.2012
Sudeshna Das	Prof. R Bandyopadhyay	Female	24.12. 2018
Veerendra Mohan	Prof. R Bandyopadhyay	Male	03.05.2015
Joyjit Chowdhury	Prof. R Bandyopadhyay	Male	03.01.2019
Upala Basu	Prof. R Bandyopadhyay	Female	01.01.2020
Ruchita Chakraborty	Prof. G Chakraborty	Female	18.09.2017
Indrani Kundu	Prof. G Chakraborty	Female	19.09.2017
Shruti Kejriwal	Prof. G Chakraborty	Female	03.01.2019
Hillol Poddar	Prof. G Chakraborty	Male	02.01.2019
Prerna Lepcha	Prof. G Chakraborty	Female	03.01.2019
Sagnika Das	Prof. G Chakraborty	Female	01.01.2020
Suparna Bandyopadhyay	Prof. G Chakraborty	Female	01.01.2020
Ms.Ashima Rai	Dr. S K Biswas	Female	01.01.2020
Ms.Champa Mondal	Dr. S K Biswas	Female	01.01.2020

Details of Seminars/Conferences/Webinar Organized:

Name of the Seminar/Conference/ Webinar	Date	Number of Participants
Webinar on COVID 19 & Human Trafficking Amplified Impact on Vulnerable Children & Adolescents, Organized by UNICEF and School of Media, Communication and Culture, Jadavpur University and Centre for Child Rights, Department of Law, NBU	17.11.2020	200

Details of Seminar/Conferences /Webinar Attended by Faculty:

Name	Details of Seminars/Conferences	Date
Prof. G Chakraborty	International Virtual Workshop on Dynamics of Gender Justice and Violence Against Women: Issues, Challenges and Remedies, Organised by Sexual Harassment Prevention Cell, Bankura University	13- 14.09.2020
	COVID 19 & Human Trafficking Amplified Impact on Vulnerable Children & Adolescents organised by UNICEF and School of Media, Communication and Culture, Jadavpur University and Centre for Child Rights, Department of Law, NBU	17.11.2020
	Legal Awareness Camp organised at Dhantala Village, Kranti, Dist: Jalpaiguri under the aegis Padmashree Karimul Hak popularly known as Bike Ambulance Dada in collaboration with the NGO Sarathi	10.1.2021
	Webinar on Sexual Harassment at Work Place organised by ICC, Sikkim University	16.03.2021
Prof. R Bandyopadhyay	COVID 19 & Human Trafficking Amplified Impact on Vulnerable Children & Adolescents organised by UNICEF and School of Media, Communication and Culture, Jadavpur University and Centre for Child Rights, Department of Law, NBU	17.11.2020
	National E-Seminar on Immigration and Crimigration: Issues and Challenges, organised by Symbiosis Law School, Hyderabad	31.05.2020
	Six weeks programme on Psychology and Mental Health, organised by University of Liverpool, U.K	Apr to May, 2020
Dr. S K Biswas	COVID 19 & Human Trafficking Amplified Impact on Vulnerable Children & Adolescents organised by UNICEF and School of Media, Communication and Culture, Jadavpur University and Centre for Child Rights, Department of Law, NBU	17.11.2020
P Lepcha	COVID 19 & Human Trafficking Amplified Impact on Vulnerable Children & Adolescents organised by UNICEF and School of Media, Communication and Culture, Jadavpur University and Centre for Child Rights, Department of Law, NBU	17.11.2020

Name	Details of Seminars/Conferences	Date
	Webinar on Domestic Violence During Lockdown: An Invisible Pandemic? , organised by The Indian Law institute, New Delhi & Association of Indian Law Institute Alumni	10.06.2020
N Lama	COVID 19 & Human Trafficking Amplified Impact on Vulnerable Children & Adolescents organised by UNICEF and School of Media, Communication and Culture, Jadavpur University and Centre for Child Rights, Department of Law, NBU	17.11.2020
	International E-Seminar on Protection of Human Rights in the Era of Globalization: Contemporary Issues and Challenges, organised by Geeta Institute of Law (GIL), Panipat	03.02.2021
	Fourth International Conference (Webinar) on Mother Earth (ICME-IV-2020), organised by University of Burdwan	27- 29.08.2020
	International Seminar on Reimagining the World Post COVID19 Pandemic, organised by Maharashi Dayanand University, Rohtak	29.06.2020
	One Day Webinar on Biodiversity: Concept ,Conservation and Challenges, organised by NBU	13.09.2020
	National Webinar on Labour Law Reforms in India in Post COVID -19 era, organised by Dr. Ram Manohar Lohiya National Law University, Lucknow	22.08.2020
	Shedding Stigma on Mental Health Issues for Legal Professionals, organised by International Justice Mission, Kolkata and School of Law and Justice, Adamas University	25.07.2020
	International Webinar on Gender Issues and Women's Rights, organised by Acharya Sukumar Sen Mahavidyalaya, Purba Bardhaman and Birpara College, Alipurduar	20- 21.07.2020
	Dr. S Mandal	COVID 19 & Human Trafficking Amplified Impact on Vulnerable Children & Adolescents organised by UNICEF and School of Media, Communication and Culture, Jadavpur University and Centre for Child Rights, Department of Law, NBU
Dr. S Moitra	COVID 19 & Human Trafficking Amplified Impact on Vulnerable Children & Adolescents organised by UNICEF and School of Media, Communication and Culture, Jadavpur University and Centre for Child Rights, Department of Law, NBU	17.11.2020

Name	Details of Seminars/Conferences	Date
	National Webinar on Intellectual Property Rights: Dynamics of Copyright Laws and Emerging Challenges, organised by Salesian College, Siliguri	24.08.2020
	COVID 19 and the Constitution : With Special Reference to Article 21, organised by The ICFAI University and Sikkim School of Legal Studies	09.06.2020
	Impact of COVID- 19 on various Areas of Global Economy, Science & Humanities, organised by Gondwana University, Gadchirali; Mahila Mahavidlaya, Amravati; Chintamani College of Commerce, Pombhura	24- 25.06.2020
	Domestic Violence During Lockdown: An Invisible Pandemic, organised by The Indian Law Institute, New Delhi & Association of Indian Law Institute Alumni	10.06.2020
	International Webinar on Exploring and Understanding COVID-19 , organised by Bhavan's Mehta Postgraduate College, UP	30- 31.05.2020
	International Webinar on Migrants and Displaced Persons amid COVID-19 : Issues,Challenges and Policy Options, jointly organised by Mahatma Gandhi University, Kerala, FLAME University, Pune & GRFDT, New Delhi	15- 17.10.2020
	Three –Day International Web-Workshop on Dynamics of Gender Justice and Violence Against Women: Issues, Challenges and Remedies, organised by the Sexual Harassment Prevention Cell, Bankura University	3- 5.10.2020
	International Conference on Traditional and Non-Traditional Security Challenges amid COVID- 19: Threats and Responses, organised by South Indian Scholars' Group of International Studies	25- 26.09.2020
	International e- conference on The Challenges and Rehabilitation Avenues in the Context of COVID -19, organised by Madurai Kamaraj University	12- 14.08.2020
	Three Day International Webinar on COVID – 19 : Restructuring of Domestic and International Politics?, organised by Bankura University	27- 29.07.2020
	Assessing Human Rights Protection amid COVID-19 and Beyond, organised by MNLU	25.07.2020
	National Webinar on Intellectual Property Rights - Emerging Issues and Challenges, organised by RVR College of Arts and Science, AP	14.07.2020

Name	Details of Seminars/Conferences	Date
	Two-Day Webinar on Migrant Workers and Urban Governance: Responsibilities of Urban Local Bodies and Human Rights, organised by National Law School of India University in Association with Directorate of Municipal Administration Government of Karnataka	03-04-04.2020
	Webinar on Shedding Stigma on Mental Health Issues for Legal Professionals, organised by International Justice Mission, Kolkata and Adamas University	25.07.2020
	National Webinar on Impact of COVID-19 on Women Migrant Worker:A Study on Labour Law Reform, organised by ICFAI University, Sikkim School of Legal Studies	13.07.2020
	National Webinar on Labour Reforms in India in Post COVID -19 era, organised by Dr. Ram Manohar Lohiya National Law University, Lucknow	22.08.2020
	International Web Conference on Pandemic Effect and Global Economy: Unseen Challenges & Opportunities Post COVID-19 Diagnosis, organised by Amity University, Patna	31.07.2020 to 01.08.2020
	One Day Webinar on Right to Information : Practice and Procedure, organised by National School of India University	05.08.2020
	A Five Day Online Faculty Programme under the UGC – Stride Project on Climate Change and Environment Legal Protection, organised by Central University of Tamil Nadu	7-11.09.2020
	One Day National Webinar on Plurality of Gendered Experiences- Biases, Stereotypes and Rights, Issues and Challenges with Special Reference to COVID-19, organised by Maynaguri College ,West Bengal in Collaboration with Darjeeling District Legal Aid Forum	28.08.2020
Dr. S Dey Sarkar	COVID 19 & Human Trafficking Amplified Impact on Vulnerable Children & Adolescents organised by UNICEF and School of Media, Communication and Culture, Jadavpur University and Centre for Child Rights, Department of Law, NBU	17.11.2020
	Dynamics of Gender Justice and Violence Against Women: Issues, Challenges and Remedies, organised by Bankura University	03-05.10.2020
Dr. C Chatterjee	COVID 19 & Human Trafficking Amplified Impact on Vulnerable Children & Adolescents organised by UNICEF and School of Media, Communication and Culture, Jadavpur	17.11.2020

Name	Details of Seminars/Conferences	Date
	University and Centre for Child Rights, Department of Law, NBU	
	One Day International Webinar on Human Rights of Migrant Labourers in COVID -19: Indian Scenario, organised by Centre for Advanced Studies in Labour Welfare and Centre for Advanced Studies in Human Rights in Collaboration with Think India	06.07.2020
	Webinar on Concerns of Historians and Journalists on Pandemic: Past and Present, organised by Bethune College	01.08.2020
	Webinar in Justice V.R.Krishna Iyer Memorial Public Lecture on How Concurring Opinion Matters?, organised by NLUO	09.08.2020
	One Day International Webinar on Good Faith In Contractual Performance, organised by Law College Dehradun	05.08.2020
	Participated One Day International Webinar on Good Faith In Contractual Performance, organised by Law College Dehradun	05.08.2020
	Participated National Webinar on “ Valuation Profession in Post COVID Era- Issues and Challenges, organised by University of Kalyani in association with Institution of Estate Managers and Appraisers	01.08.2020
	Three Day International Webinar on COVID-19: Restructuring of Domestic and International Politics, organised by Department of Political Science, NBU	27-29.07.2020
	National Webinar on Contours of Judicial Appointment in India: Journey through Constitutional Amendment, organised by Hindi Vidya Prachar Samiti’s College of Law	08.08.2020
	Webinar on Artificial Intelligence: A Conceptual Contour, organised by ICFAI Law School, Hyderabad	31.07.2020
	One Day Webinar on Personal Income Tax Planning: A Comparative Analysis on Existing and New Tax Regime, organised by Katwa College	04.08.2020
	National Webinar on The COVID-19 Economic Crisis, organised by Maulana Azad College, Kolkata	31.07.2020
	One Day International Webinar on COVID-19 Pandemic and Environment, organised by S. R. Fatepuria College	12.07.2020
	One Day National Webinar on Pandemic and Natural Disasters: Understanding and Coping, organised by St Xavier’s College (Autonomous), Kolkata	11-12.07.2020
	Participated One Day International Webinar on Food and Nutrition Vs. COVID-19, organised by University of Kalyani	24.07.2020

Name	Details of Seminars/Conferences	Date
	One Day International Webinar on Whose Lives Matter? Contextualizing Racial & Ethnic Discrimination, organised by Loreto College, Kolkata	08.08.2020
	One Day National Webinar on COVID-19 Pandemic: It's Legal impact and Lessons for the Future, jointly organised by University of Jammu and Maharashtra National Law University	17.09.2020
	Webinar on Protection of Gender Rights, organised by Maharashtra National Law University	23.08.2020
	Three Day International Webinar Dynamics of Gender Justice and Violence Against Women Issues, Challenges and Remedies”, organised by Bankura University	03-05.10.2020
	National Webinar on Intellectual Property Rights: Dynamics of Copyright Law and Emerging Challenges, organised by Salesian College, Siliguri	24.08.2020
	One day State Level Webinar on Online Teaching- Learning in Neo- Normal : A Challenge, organised by Chandidas Mahavidyalaya, Birbhum	03.09.2020
	National Webinar on Labour Law Reforms in India in Post COVID -19 Era, organised by Dr. Ram Monohar Lohiya National Law University	22.08.2020
	National Webinar on Understanding Helath Insurance and COVID Covers, organised by NBU	19.08.2020
	One Day National Webinar on COVID 19 and the Fixation of Liability under International Law, organised by Bankura University	20.08.2020
	National Webinar on Sino- Indian Relations: Historical Perspective and Contending Contemporary Dynamics, jointly organised by Saheed Kshudiram College, Kamakhyaguri, Malda College	19-20.08.2020
	One Day State Level Webinar on Society and Politics in 21 st Century India, organised by Sudhirranjan Lahiri Mahavidyalaya, Majdia	08.08.2020
	International Webinar on History of Pandemics and its multifaceted impact on the global world, organised by Prafulla Chandra College	10-11.08.2020
	One Day National Webinar on Corporate Governance: Issues and Challenges, organised by Government Centre of Legal Education in Collaboration with Hoogly Mohsin College	03.08.2020

Name	Details of Seminars/Conferences	Date
	International Webinar on Environmentalism: Issues of sustainability and Public Participation, organised by Prafulla Chandra College	08.08.2020
	One Day International Webinar on Human Rights of Migrant Labourers In COVID -19: Indian Scenario, organised by Centre for Advanced Studies in Labour Welfare and Centre for Advanced Studies in Human Rights in Collaboration with Think India	06.07.2020
Dr. D Debnath	COVID 19 & Human Trafficking Amplified Impact on Vulnerable Children & Adolescents organised by UNICEF and School of Media, Communication and Culture, organised by Jadavpur University and Centre for Child Rights, Department of Law, NBU	17.11.2020
	Law And Correctional administration in India amidst COVID 19, organised by ICFAI Law School, Hyderabad	21.06.2020
	COVID-19Pandemic: Managing the Labour Laws in India, organised by Dr. Ram Manohar Lohiya National Law University	13.06.2020
	Changing Dynamic of Technology Transfer in IP-Pre and Post Pandemic Scenario, organised by ICFAI Law School, Hyderabad	20.06.2020
	COVID-19: Emerging Cyber Threats, Psychological Dimensions and the way forward for students, organised by St. Xaviers University, Kolkata	26.06.2020
	International Health Law during COVID-19: A Perspective, Law Society, organised by Aligarh Muslim University	12.08.2020
	Labour Law in post COVID era, organised by National Law University, Lucknow	22.08.2020
	Growing Menace of E-Fraud on Online Shopping and the Protective Masks Available Under the Consumer Protection Act, 2019: A Study Of The Relevant Provisions of the Act, organised by Manipal University, Rajasthan	10-11.05.2020
	Analysis of The Violation of Basic Human Rights of the Migrant Workers in India During Pandemic COVID-19, organised by International Council of Jurists, London and Apeejay Styra University	12.07.2020
	Climate Justice in India Since Independence and the Contribution of Indian Women in an Unequal Society, organised by Bankura University	03-04.10.2020

Name	Details of Seminars/Conferences	Date
S Bhattacharjee	COVID 19 & Human Trafficking Amplified Impact on Vulnerable Children & Adolescents organised by UNICEF and School of Media, Communication and Culture, organised by Jadavpur University and Centre for Child Rights, Department of Law, NBU	17.11.2020
	An International Webinar on Future of Basic Structure & Essential Features Doctrine, organised by ICFAI University, Dehradun	27.08.2020
	A Webinar On Murder Trial 101, organised by Lex Macula	30.08.2020
	A Webinar on Indian Constitution by Pratap Bhanu Mehta, organised by IISER, Pune	09.01.2021
Dr. S Dutta	COVID 19 & Human Trafficking Amplified Impact on Vulnerable Children & Adolescents organised by UNICEF and School of Media, Communication and Culture, Jadavpur University and Centre for Child Rights, Department of Law, NBU	17.11.2020
T Basu Majumdar	COVID 19 & Human Trafficking Amplified Impact on Vulnerable Children & Adolescents organised by UNICEF and School of Media, Communication and Culture, Jadavpur University and Centre for Child Rights, Department of Law, NBU	17.11.2020
S Shome	COVID 19 & Human Trafficking Amplified Impact on Vulnerable Children & Adolescents organised by UNICEF and School of Media, Communication and Culture, Jadavpur University and Centre for Child Rights, Department of Law, NBU	17.11.2020

Details of Seminar/Conferences /Webinar Attended by Students:

Name	Details	Date
S Bandyopadhyay	COVID 19 & Human Trafficking Amplified Impact on Vulnerable Children & Adolescents organised by UNICEF and School of Media, Communication and Culture, Jadavpur University and Centre for Child Rights, Department of Law, NBU	17.11.2020

Name	Details	Date
S Das	COVID 19 & Human Trafficking Amplified Impact on Vulnerable Children & Adolescents organised by UNICEF and School of Media, Communication and Culture, Jadavpur University and Centre for Child Rights, Department of Law, NBU	17.11.2020
A Rai	COVID 19 & Human Trafficking Amplified Impact on Vulnerable Children & Adolescents organised by UNICEF and School of Media, Communication and Culture, Jadavpur University and Centre for Child Rights, Department of Law, NBU	17.11.2020
A Rai	A National Conference on Conflict, Conservation, Coexistence, organised by Kasturba Medical College, Manipal	20-21.08.2021
A Rai	One-day webinar on Teachers' role in National Education Policy 2020 Implementation: Awareness, Orientation, Challenges and response with special theme on Legal Education for Responsible Citizenship Media, organised by LUJA, Assam with NITI Aayog and Bharatiya Shikshan Mandal	13.03.2021
U Basu	COVID 19 & Human Trafficking Amplified Impact on Vulnerable Children & Adolescents organised by UNICEF and School of Media, Communication and Culture, Jadavpur University and Centre for Child Rights, Department of Law, NBU	17.11.2020
U Basu	One day National Webinar on COVID – 19 and the fixation of liability under International Law, organised Bankura University	20.08.2020
U Basu	Three-Day International Web Workshop on Dynamics of Gender Justice and Violence against Issues, Challenges and Remedies, organised by Bankura University	05.10.2020

Publications:

Name of the Author	Publication Details	Year
Prof. Rathin Bandyopadhyay	Combating Climate Change and Global Warming: Issues, Challenges and Legal Initiatives; Book: <i>Climate Change</i> , Tayler and Francis	2020

Name of the Author	Publication Details	Year
Dr. Sujit Kumar Biswas	<i>Indian Journal of Law & Justice</i> , Vol.12 No.01	2021
Neelam Lama	Water and Women's Right in India: An Eco feminist Approach, <i>Indian Journal of Law and Justice</i> Vol.12 No.01	2021
	Shielding Witnesses in India Journal of Global Research and Analysis Vol 9 (1) ISSN : 22786775	2020
Dr. Sanyukta Moitra	Anti-Beggary Legislations in India: Challenges and Prospects, ISBN No.9788194484356, International e-Conference on <i>The Challenges and Rehabilitation Avenues in the context of COVID-19</i>	2020
	Addressing Domestic Abuse of Women amidst COVID-19 Pandemic: A Human Rights Perspective, <i>GIBS Law Journal</i> , Vol 3 No. 1, ISSN 2582-7529	2021
	<i>Intellectual Property Rights: Dynamics of Copyright Laws and Emerging Challenges</i> , ISBN : 9789 3822 16285	2021
	Children's Right to Food in India: A Scoping Review India, <i>International Journal of Juridical Sciences</i> ISSN No. 2278-3237	2021
Dr. Soma Dey Sarkar	<i>Citizenship in India and Refugee Problem</i> , First Ed. ISBN: 978-93-90818-02-0	2021
Dr. Chandrani Chatterjee	Patriarchy and The Women Status in Indian Society, <i>JCC Law Review</i> , ISSN: 2231 296X	2021
Dr, Dipankar Debnath	The Surrogacy (Regulation) Bill, 2020: A Critical Analysis of the Provisions in the Light of Procreative Choice of Surrogate Mother to Use Her Agency, 2020, <i>International Journal of Creative Research Thought</i> , Vol. 8, Issue, 5	2020
	Anonymity v. Real Name: Anonymity as a Tool of Privacy and A Gateway of Freedom of Speech and Expression on Social Media, <i>Legal Service India</i> . E-Journal	2020
	An Analysis of the Violation of Basic Human Rights of the Migrant Workers in India During Pandemic COVID-19, Book: <i>Contemporary Legal Issues and Challenges</i> , Black Aviat Group, ISBN: 978-81-946558- 3-1	2020
Shubhajit Bhattacharjee	Constitution and Constitutionalism in times of COVID pandemic in India: <i>NAM Today</i> , Vol. LXXXVI, ISSN 2347-3193	2020
	Child Rights, Its various measures and mechanism in Indian context, <i>International Journal of Law Management & Humanities</i> , Vol. III Issue V	2020

Name of the Author	Publication Details	Year
	Rule of Presumption in decision making process in India, <i>Legal Pedia India</i> Vol. 3 Issue 1, ISSN NO. 2581-7949	2020
	Plea- Bargaining: Examining its scope and ambit in Indian Context, <i>Journal on Contemporary Issues of Law</i> , Vol.VI, Issue 10, ISSN 2455-4782	2020
	Book Review of Rohit De's A People's Constitution, <i>Indian Journal of Law and Justice</i> , Vol 1, ISSN No- 0976-3570	2021
Ms Upala Basu	An Analysis on Article 44 of the Indian Constitution: A Dormant Instrument in Active Secularism, Book: <i>Constitutionalism and Indian Administrative Law</i> , ISBN No. 978-93-87839-78-6	2020

Research Projects Details:

Title of the Project	Sponsored by	Year of Sanction	Duration	Budget (Rs.)
A Study of Socio- Legal Challenges and Experiences of Children in North Bengal Region During the Lockdown Phase and COVID 19 Pandemic: With Special Reference to Districts of Darjeeling, Coochbehar, Jalpaiguri and Alipurduar	University of North Bengal	2020	1 year	50,000
A Socio-Legal Study for Combatting Child Trafficking in the District of Darjeeling, Alipurduar, Jalpaiguri and Coochbehar.	University of North Bengal	2020	1 year	50,000

NCC Activities:

The Department of Law associated itself with the prestigious 4 Bengal Girls Battalion of National Cadet Corps (NCC) in December 2020. Total 56 students have been enrolled and have been part of various activities like International Yoga Day, Republic Day, Independence Day and also programmes on environmental protection throughout the year.

Faculty Award Details:

Prof. Rathin Bandyopadhyay has received **Siksha Ratna** award from the Government of West Bengal on 5th September, 2020 for his distinguished service for the cause of education

DEPARTMENT OF LIBRARY & INFORMATION SCIENCE

About the Department:

The Department of Library and Information Science, NBU was setup in the year 1990-91 under 7th plan of Govt. of India. Pioneered work of Prof. Krishna Nath Chattopadhyay, the then Vice Chancellor of the University and the untiring effort by Dr. Ajoy Ranjan Chakraborty led to development of this department to mitigate the long-standing social demands of entire North Bengal. Started with self-support the department made its strong footprint into the academic domain with active support from the professionals engaged in the university library.

Although BLIS was the prime course that had been taught near about 15 years, a gradual social demand for introducing master's course in Library Science was paramount. In the year 2005, Masters Course was started. Development of a separate building for the Department adjacent to the Central Library was a welcome move. During last 20 years it was the primary objective of the Department to develop skilled manpower. Updated and modernized syllabus, well equipped computer lab imbued the students to explore the profession in better way. The Department helps the students to explore the world of data and information management while preparing for a variety of creative and dynamic careers. Students majoring in the Department's programs gain expertise in information aggregators, information disseminators, information curators, publishing, teaching, and others. The past students of this Department excelled in the workplaces throughout India.

Courses Offered:

- BLIS
- MLIS
- M. Phil.
- Ph. D.

Research Focus:

- Big Data
- Knowledge Organization
- Information Retrieval
- Reference Services

Student Strength:

Course	Year	Male	Female	Total	SC	ST	OBC-A	OBC-B	Gen
BLIS	2020	09	40	49	17	03	02	03	23
MLIS	2020	02	34	36	14	04	01	05	12

Faculty Details:

Name	Qualification	Designation	Email
Dr. Saptarshi Ghosh	Ph. D.	Professor	sghosh@nbu.ac.in
Dr. Tapan Barui	Ph. D.	Asst. Professor	tapanbarui@nbu.ac.in
Mr. Mayukh Biswas	M. S.	Asst. Professor	mayukh biswas@nbu.ac.in

Details of Non-Teaching Staff:

Name	Qualification	Designation
Naresh Chandra Singha	B.A.	Junior Assistant cum Typist
Sankar Saha	VIII Pass	Grade IV (Casual)

Details of Research Scholars:

Name	Fellowship	Supervisor's name	Gender	Date of Joining
Aditi Roy	JRF	Prof. Saptarshi Ghosh	Female	06.01.2020
Mousumi Saha	JRF	Prof. Saptarshi Ghosh	Female	06.01.2020
Vinay Anand	JRF	Prof. Saptarshi Ghosh	Male	06.01.2020
Tumpa Saha	JRF	Dr. Tapan Barui	Female	06.01.2020

Details of PhD Students (Without Fellowship):

Name	Supervisor's Name	Gender	Date of Admission in Ph.D. Course Work
Mr. Manas Esh	Prof. Saptarshi Ghosh	Male	07.01.2019
Ms. Moumita Bose	Prof. Saptarshi Ghosh	Female	07.01.2019
Ms. Parna Ghosh	Dr. Tapan Barui	Female	07.01.2019

Details of Seminar/Conferences /Webinar Attended by Faculty:

Name	Name of the Seminars/Conferences	Date
Tapan Barui	International Webinar on Pandemic Pedagogy: Teach- From –Home Students -At- Home”, organized by the Universal Briefing, Kolkata	3-4.10.2020
	Preservation and Conservation of Books & others materials in present situation of COVID-19, organized by Central Library, Chandrakona Vidyasagar Mahavidyalaya, Midnapore	20.06.2020
	Role of the libraries in reading habits, organized by Readers Club International in association with Children's Literature Research Centre, Tripura	30.06.2020

Name	Name of the Seminars/Conferences	Date
	International Webinar on Pedagogy through the Looking Glass: Challenges and Opportunities, organized by Narasinha Dutt College, Howrah and Naba Ballygunge Mahavidyalaya, Kolkata	05.07.2020
	Copyright: unraveling the confusions of academe, organized by Rabindra Mahavidyalaya, Hooghly	10.06.2020
	International Webinar on 'New Normal Library Services in SAARC Countries with special reference to India, Bangladesh, Bhutan and Nepal, organized by Raiganj University	07.10.2020
	Innovative Research in Computer Science & Paper Writing Skills, organized by Smt. G. G. Khadse College, Muktainagar	22-23.06.2020
	Recent Trends in Computer Science research, organized by Dr Annasaheb G D Bendale Mahila Mahavidyalaya, Jalgaon	1-2.06.2020
	International Webinar on COVID-19 Biswa Mahamarite Uchha Siksha o Granthagar Pariseba : Samasya o Sambhabana, organized by Kandi Raj College, Murshidabad	27.09.2020
	Intellectual Property Rights: Concept and Need, organized by Asansol Girls' College	16.06.2020
	Misinformation, Fake News and Society: A Roadmap Approach, organized by the Derozio Memorial College, Kolkata	10.07.2020
	NAAC : Best Practices in affiliated/antonymous college libraries, organized by MIT Academy of Engineering, Pune	15.05.2020
	Reading Advisory Service: need of the time, organized by MIT Academy of Engineering, Pune	13.05.2020
	Importance of getting book expertism, organized by MIT Academy of Engineering, Pune	11.05.2020
	OUT (Think, Smart and Perform), organized by MIT Academy of Engineering, Pune	16.05.2020
	Virtual Education & Role of Libraries, organized by LISPAB in collaboration with Baruipur College and Shimurali Sachinandan College of Education	8-9.08.2020
	Challenges and Strategies to Combat Education Specially in Libraries post COVID-19, organized by Saheed Kshudiram College	19.06.2020
	Open Access Resources and Tools in Research, organized by Visva-Bharati	02-12.05.2020
	Best Practices in Public Libraries, organized by Andhra Pradesh Library Association	19.11.2020
	Unlocking and Rethinking of Management & Services of College Libraries after Lockdown, organized by the Universal Briefing,	15.08.2020

Name	Name of the Seminars/Conferences	Date
	Kolkata	
	Human Library, or, A Library of Talking Books: Changing Outlook of Readers, organized by the Bengal Library Association	05.07.2020
	Technical Writing: How to Write a Technical Paper, organized by the Bengal Library Association	04.07.2020
	Library Service During Pandemic, organized by the Bengal Library Association	28.06.2020
	Maintaining Social Distance – Issues & Challenges, organized by the Bengal Library Association	19.05.2020
	Science, Culture and Rabindranath, organized by the Bengal Library Association	08.08.2020
	E-learning Resource Creation - A Beginning towards new Era of E-learning, organised by D. Y. Patil College of Engineering and Technology, Kolhapur	08-20.06.2020

Details of Seminar/Conferences /Webinar Attended by Research Scholars:

Name	Details of the Seminars/Conferences/Training	Date
Aditi Roy	Webinar -4 on KOHA, organised by Odisha Library Academy	06.05.2020
	Webinar on Introduction to RFID Technology & Integration with ILMS, organised by Rapid Radio Solutions Pvt. Ltd. Ahmedabad	31.05.2020
	Online Education in the Changing Times: Problems and Prospects, organised by Vidyasagar University	07-08.07.2020
	Pandemic Pedagogy: Teach- From –Home Students -At- Home, organised by Jadavpur University	03-04.10.20
	International Webinar on New Normal Library Services in SAARC Countries with special reference to India, Bangladesh, Bhutan and Nepal, organised by Raiganj University	07.10.2020
	Skill Development of Library Professional in the Present Scenario, , organised by K D College of Commerce & General Studies, Midnapore in collaboration with Alumni Association, Department of Library & Information Science, Vidyasagar University	08-10.10.20
	Redesigning of Library Services in the COVID-19 Scenario & Beyond , organised by Alliance University	19.11.2020
Manash Esh	Challenges for Libraries in Current Times, organised by EBSCO	17.06.2020
	Outcome Based Education Road-Map to E-Learning & Accreditation, organised by Informatics	29.05.2020

Name	Details of the Seminars/Conferences/Training	Date
	Understanding API and CAS process for working academic library professionals, organised by Dr. Bhanuben Mahendra Nanavati College of Home science	27.06.2020
	Challenge and Strategies to Combat Education Specially in Libraries post-COVID 19, organised by Saheed Kshudiram College	19.06.2020
	Trends in Publishing, organised by Springer Nature with INFLIBNET	16.06.2020
	Media Educators' Round Table, organised by ABP Education	6.06.2020
	How to Access Taylor and Francis Journals, organised by Taylor and Francis Group	19.05.2020
	Post-COVID 19 challenges and opportunities for library and library professionals, organised by Andhra University	03-05.06.2020
	Plan your research effectively using Scopus and Science Direct from Elsevier, organised by University of Jammu	29.05.2020
	Higher Education beyond COVID-19, organised by ABP Education	30.05.2020
	Hospitality Management, organised by ABP Education	20.06.2020
	Engineering Tomorrow, organised by ABP Education	13.06.2020
	Pandemic Pedagogy: Teach- From -Home Students -At- Home, organised by Universal Briefing	30.08.2020
	Best Practices for Teaching Online, organised by ABP Education	4.07.2020
	E-Learning and MOOCs, organised by Government RBR NES PG College Chhattisgarh	19.07.2020
	Rethinking and recreating the academic Library: Lessons from the Pandemic, organised by Institute of Chemical Technology, Mumbai	22-25.07.2020
	Discover Emerald journals for your research, organised by Emerald Publishing	02.06.2020
	All about Scientific Publishing-Trends, Nuances, Tools, Ethics, organised by Springer Nature	09.09.2020
	Publishing Ethics in Biomedicine & Life Science Research, organised by Springer Nature	16.09.2020
	Evidence-Based Lifestyle modification through Yoga in COVID-19 Pandemic, organised by Visva-Bharati	19-20.06.2020
	Future Libraries: Role of Library and Information Science Professionals, organised by Aditya Educational Institute, Andhra Pradesh	18.07.2020
	National Education Policy -2020: Prospects and Problems,	30.08.2020

Name	Details of the Seminars/Conferences/Training	Date
	organised by West Bengal University Officers' Association	
	Bengal Education Leaders' Summit with education minister Partha Chatterjee: Is Higher Education in Bengal today geared for Careers of Tomorrow? , organised by ABP Education	12.08.2020
	Importance of Intellectual Property Rights for Academic Institutions, organised by Visva-Bharati	12.09.2020
	Digital Divide and Role of Libraries During COVID-19 Pandemic, organised by Ramananda College, Bankura Garhbeta College, Paschim Medinipur	19.08.2020
	National webinar organized by VBLN, organised by Visva-Bharati	16-29.06.2020
	Mind your Mind: Change your words, Change your Destiny and Fascinating Science of Numerology, organised by Abhayapuri College in collaboration with Mind Miracle, Healing and Counselling Center, Kanpur	14.07.2020
	Reaching the unreached: Engaging Communities through effective use of Social Media, organised by Brainware University	11.07.2020
	Celebrating the Life and Works of Dr. H.K Kaul: Commemorating His 79th Birth Anniversary, organised by DELNET	21.12.2020
	Cyber Security: Best Practice to protect your organization in Cyberspace, organised by DELNET	30.12.2020
	Media and Information Literacy for putting knowledge to work, organised by DELNET	30.01.2021
	New normal Library services in SAARC countries with special reference to India, Bangladesh, Bhutan and Nepal, organised by Raiganj University	7.10.2020
	Certificate of Participation “ How to access Taylor &Francis Journals”	19.05.2020
	Leadership and Governance in Higher Education. Level 2	01.12.2020 to 31.03.2021
	Refresher Emerging Trends & Technologies in Library & Information Services (ETTLIS)	01.12.2020 to 31.03.2021
	Planning and implementation of adigital repository using Dspace, organised by BLA	22,26,31 April,2020
Mousumi Saha	Koha Training & BBB Social MediaWorkshop, organised by Indira Gandhi National Centre for the Arts	20.05.2020
	Big Data, Open Data and ResearchData Management, organised by OLA	23.05.2020

Name	Details of the Seminars/Conferences/Training	Date
	Webinar on Introduction to RFID Technology & Integration with ILMS, organised by RapidRadio Solutions Private Limited, Ahmedabad	31.05.2020
	Emerging trends and tools in library and information services, organised by Theem College of Engineering, Mumbai	08.06.2020
	VuFind, Open Source and the power of community, organised by BLA	19.06.2020
	Installation and customization of KOHA: a beginners approach, organised by BLA	27.06.2020
	Online Training Programme on Research Methodology and Ethics: Plagiarism Issues Reference Management Tools and Altmetrics, organised by INFLIBNET	15-19.06.2020
	Human Library or A library of talking books: Changing outlook of readers, organised by BLA	05.07.2020
	online advanced training programme on Bibliometrics and Research Output Analysis, organised by INFLIBNET	20-24.07.2020
	Access to a library beyond the four walls: a covid 19 context, organised by Mynaguri College	12.08.2020
	23 rd National Convention of Knowledge, library and Information Network, organised by DELNET	22-24.09.2020
	COVID.19 Biswa Mahamarite Uchha Siksha O Granthagar Pariseba : Samasya O Sambhabana, organised by Kandi Raj College	27.09.2020
	Pandemic Pedagogy : Teach –from-home Students-at- home, organised by Jadavpur University	03-04.10.2020
	Skill Development of Library Professional in the Present Scenario (Series 1) , organised by K D College of Commerce & General Studies, Midnapore	08-10.10.2020
Parna Ghosh	“Prospects of Library Services in E-learning Ecosystem”, organised by Rastraguru Surendranath College, Barackpore	16.01.2021
	“Webinar on DELNET” organised by HVPM College of Engineering and Technology, Amravati	22.01.2021
	Training Programme on “Research Evaluation and Research Support Tools” organised by INFLIBNET Center	27.01.2021 to 29.01.2021
Tumpa Saha	Accessing Research Output & Its Enhancement, organised by JK Business School	02.05.2020
	SLA Asian Chapter Webinar- Advocacy For The Higher Education, organised by SLA	04.05.2020

Name	Details of the Seminars/Conferences/Training	Date
	SLA Asian Chapter Webinar-Transferable Skills: Tips For Library Career Transitions, organised by SLA	14.05.2020
	Open Data and Role of Libraries, organised by Panjab University	15.05.2020
	Research Data Management For Higher Educational Institutions, organised by NIT Rourkela	15.05.2020
	Koha Training & BBB Social Media Workshop, organised by Indira Gandhi National Centre For The Arts	16.05.2020
	Maintaining Social Distance- Issues And Challenges, organised by Bengal Library Association	19.05.2020
	Changing Landscape in Research, organised by Ansul University	30.05.2020
	Introduction to RFID Technology & Integration With ILMS, organised by Rapid Radio Solutions	31.05.2020
	21st Century Information Skills Delhi Library Association	26-29.05.2020
	Online FDP on Skills for Librarianship, organised by LIS Academy & NCSI Net Foundation	16.05.2020 to 21.06.2020
	Webinar On Koha (What Is New in Koha 20.05?) And Panel Discussion On KISS: Koha India Strategies for Sustainability, organised by Odisha Library Academy	06.06.2020
	Library in a Smart City, organised by Bengal Library Association	06.06.2020
	Post COVID-19 Library Management, organised by Bengal Library Association	04.06.2020
	Self-Publishing, organised by Bengal Library Association	13.06.2020
	Research Ethics , Integrity And Plagiarism, organised by Bengal Library Association	9,12.06.2020
	Online Faculty Development Programme: Issues and Challenges, organised by Bengal Library Association	14.06.2020
	Intellectual Property Rights: Concept And Need, organised by Asansol Girls' College	16.06.2020
	2nd National Webinar, organised by Viswa-Bharati Library Network	19.06.2020
	Challenges And Strategies To Combat Education Specially In Libraries Post COVID-19, organised by Sahid Kshudiram College	16-18,22-27 & 29 June, 2020
	Strategic Library Re- Opening In A Pandemic World, organised by Odisha Library Academy	20.06.2020

Name	Details of the Seminars/Conferences/Training	Date
	Academic Writing And Research Ethics, organised by, Janata College, Kabuganj in Association with Don Bosco College Central Library, Itanagar	27-29.06.2020
	Relevance Of Online Teaching And Role Of Digital Library In Present Scenario Of COVID-19, organised by Basanti Devi College	04.07.2020
	Pedagogy Through The Looking Glass: Challenges And Opportunities, organised by Narasinha Dutt College and Naba Ballygunge College	05.07.2020
	e-Lan 2020, organised by Banwarilal Bhalotia College, Asansol	08.07.2020
	Five Days Online Training Programme on Creation and Management of Digital Library using Open-Source Software from. Organized by INFLIBNET Centre	05 - 09.10.2020
	Five Days Online Training Programme on Research Methodology and Ethics: Plagiarism Issues Reference Management Tools and Altmetrics. Organized by INFLIBNET Centre	15-19.07.2020

Publications:

Name of the Author	Publication Details	Year
Dr. Tapan Barui	Discovering Topics from the Titles of the Indian LIS Theses, <i>Library Philosophy and Practice</i> , p.1- 23, ISSN-15220222	2021
	Skills of Technical Writing for Academics, Subject Specialists and Library professionals: a study, <i>Vidyawarta: International Multilingual Research Journal</i> , 37(1), IF - 7.04, ISSN - 23199318	2021
Manash Esh	Analyzing Digital Literacy (DL) of the LIS Students of University of North Bengal, <i>Library Philosophy and Practice</i> , ISSN: 1522-0222	2021
	Tracing the Global Trend on the Study of Digital Literacy: A Scientometric Analysis, <i>IGI Global Publisher, IJDLDC</i>	2021

DEPARTMENT OF LIFELONG LEARNING & EXTENSION

About the Department:

The Department of Lifelong Learning & Extension (DLLE), University of North Bengal has been pursuing its mission along with philosophy of Lifelong Learning as a part of the creation of learning knowledge society. The Centre for Adult Continuing Education (CACE), University of North Bengal commenced functioning from August 1987 with financial assistant received from the University Grants Commission. Under UGC 10th Plan Guideline the CACE renamed as Department of Adult, Continuing Education, and Extension & Field Outreach (DACEEFO). As per the Eleventh Plan Guideline of UGC and the decision of the North Bengal University Executive Council, the Department has become a full-fledged Department with full academic status under University of North Bengal. The nomenclature has been changed as the Department of Lifelong Learning & Extension (DLLE) in October, 2009.

From its inception, the thrust area of the department has been the expansion of the third dimension of higher education in Northern part of West Bengal by meeting regional need of Adult Education, Continuing Education, Population Education, Health Education, Environmental Education and Rural Development Education as well as by taking up several successive educational extension and outreach activities that extend far beyond the traditional academic programme delivered through the University system.

The general objectives of DLLE is to contribute the lifelong learning to the development of the community as an advanced knowledge society with sustainable economic development and to facilitate in bringing the changes in the lives of the common people by providing professional, vocational, skill based courses, workshops, training seminars, sensitization cum awareness programmes. As such, the goals of the Department are:

- The strengthening process of human resource development
- To build up the linkage between the community and the university
- Conducting training-orientation programmes for different communities and members of Local Self Government to strengthen participatory democracy
- Extending the opportunity to the budding researchers in various areas of rural issues through Ph. D programme

Courses Offered:

- MA in Rural Development

Student Strength:

Course	Year	Male	Female	Total	SC	ST	OBC-A	OBC-B	Gen
M. A.	2020	07	22	29	8	4	1	4	12

Details of Course Completed by Students in 2020 - 21:

Course	Year	Male	Female	Total	SC	ST	OBC-A	OBC-B	Gen
M. A.	2021	3	6	9	3	1	0	3	2

Faculty Details:

Name	Qualification	Designation	Email
Mr. Monotosh Bose	M.A.	Assoc. Professor	monotoshbose@nbu.ac.in
Dr. Sidhartha Sankar Laha	M.A., Ph.D.	Assoc. Professor	sidharthasnr09@nbu.ac.in
Dr. Ratna Sarkar	M.Phil., Ph.D.	Asst. Professor (Contractual)	ratnasarkardlle@nbu.ac.in
Mr. Bijoy Das	M.A., B.Ed.	Asst. Professor (Part-time)	bijoy.23kmg@gmail.com

Details of Non-Teaching Staff:

Name	Qualification	Designation
Mr. Gautam Sarkar	B.A.	Senior Assistant
Mr. Ajay Singha	H.S.	Group-D (Casual)

DEPARTMENT OF MANAGEMENT

About the Department:

The Department of Management, University of North Bengal was established on 11th April, 2003 in order to provide quality management education and other services of global standard in a high quality ambience. The Department conducts full time Master of Business Administration (MBA) Programme approved by AICTE and recognized by UGC.

The Department aspires to achieve excellence in every sphere of its activity including curricular works, research, professional outlook, consultancy, student support and outreach programme. The Department has been rated as an A+ category B-School in the National B-School survey conducted by Business India, and other National B-School surveys like Business World, Business Today, and Competition Success Review.

The Department of Management, University of North Bengal is an official member of the Association of Indian Management Schools (AIMS), where the contemporary members are the highly reputed B-Schools in India like IIMs, Jamnalal Bajaj Institute of Management Studies, FMS, IISWBM, Calcutta etc. This has enabled the Department of Management to gain its foothold in the sphere of the nationally acclaimed B-Schools of our country.

Courses Offered:

- MBA (CBCS) with Dual Specialization

Student Strength:

Course	Year	Male	Female	Total	SC	ST	OBC-A	OBC-B	Gen
MBA	2021	18	26	44	6	3	3	6	25
	2020	20	25	45	7	3	3	6	26

Details of Course Completed by Students in 2020-21:

Course	Year	Male	Female	Total	SC	ST	OBC-A	OBC-B	Gen
MBA	2021	16	12	28	6	1	-	1	20

Faculty Details:

Name	Qualification	Designation	Email
Dr. Deepak Subba	MBA, Ph.D	Asst. Professor	deepaksubba08@nbu.ac.in
Mr. Sanmoy Mallick	B. Tech, MBA, Ph.D (Registered)	Asst. Professor	sanmoy.mallick@nbu.ac.in

Name	Qualification	Designation	Email
Dr. Nandita Pradhan	MA (Economics), Ph.D.	Asst. Professor (Contractual)	nbajrcharya15@nbu.ac.in
Dr. Subrata Ray	MBA, Ph.D.	Asst. Professor (Contractual)	ray.subrata@nbu.ac.in
Mr. Dipanjan Maitra	MCA, Ph.D (Registered)	Asst. Professor (Contractual)	dip_anjan@nbu.ac.in

Details of Non-Teaching Staff:

Name	Qualification	Designation
Mr. Somnath Ghosh	B. Com	Office Assistant (Contractual)
Mr. Deepak Kumar Chhetri	8 th Standard	Office Peon (Casual)
Mrs. Draupadi Mallik	-	Sweeper (Casual)

Details of Seminars/Conferences/Webinar Organized:

Name of the Seminar/Conference/ Webinar	Date	No. of Participants
Webinar: The Role of HR Analytics Leader: Driving Productivity & Experience by Mr. Subrata Kumar Saha, Deputy Chief Manager, HR - Bennett, Coleman & Co. Ltd.	23.05.2020	90
Webinar: Post COVID19: The Trends, Opportunities and Challenges in Operations and Supply Chain Management by Mr. Anirban Chowdhury, Deputy Manager, CESC Ltd. Kolkata	23.05.2020	90
Webinar: COVID & Digital Transformation By Mr. Diptesh Sinha, Manager, Cognizent Technology Solutions, Pune	30.05.2020	90
International Webinar: Agile Methodology and Scrum Practice by Mr. Tanmoy Digal, Senior Project Manager, Royal Bank of Canada, Toronto	12.06.2020	90
Webinar: Consumer Analytics: Post - Pandemic Trends by Dr. Arun Kumar Kaushik, Assistant Professor - Marketing IIM Amritsar, Punjab	20.06.2020	90
Webinar: Importance of 'Patient Journey Mapping' in Brand Building by Mr. ArindamBhowmik, Head, Marketing, Cadila Pharmaceuticals Ltd. Ahmedabad, Gujarat	21.06.2020	90
International Webinar: Business & Data Analysis - Basic Concepts by Mr. Ankit Biswas, Functional Consult/Business	12.07.2020	90

Name of the Seminar/Conference/ Webinar	Date	No. of Participants
Analyst - Enterprise Asset Mgmt Systems, BPD Zenith Asia - Pacific, New Zealand		
National e-Conclave 2020 on Online Education Pedagogy in Modern Management of Higher Education & Business Studies jointly by Department of Education & IQAC Dept. of Hiralal Mazumdar Memorial College for Women, Kolkata	28-29.06.2020	150
International e-Symposium 2020 on Prospects, Opportunities & Challenges of Research Studies in the field of Travel, Tourism & Hospitality Management.	18-19.07.2020	180
National Webinar Jointly with Department of Economics, University of North Bengal on Understanding Health Insurance and COVID Covers by Mr. Pradip Sarkar, Principal, College of Insurance, Insurance Institute of India, Kolkata	19.08.2020	90
Ahovaan 2021: An Industry – Institute Interface	22-23.03.2021	90

Details of Seminar/Conferences /Webinar Attended by Faculty:

Name	Details	Date
Deepak Subba	International Conference on “Business Research and Innovation	26-27.02.2021
Sanmoy Mallick	National Conference on Financial Implications of COVID-19 on India with Special Reference to Punjab	03-05.06.2020
	National Level Faculty Development Programme on 'R-Programming' organized by IMS Noida & IIT Bombay	25-29.05.2020
	National Webinar on Indexing & Referencing of Journal in Research organised by ORSI Durgapur	07.03.2021
	National Webinar on “COVID 19 Human Resource Migration: Issues and Challenges” organised by Centre for Public Policy(CPP), Doon University, Dehradun	26.06.2020
	National Webinar on Digital Risk: Key to Build a Resilient Digital Enterprise organized by ICAFI University, Dehradun	07.06.2020
	National Webinar on Social, Economic and Political Empowerment: Role of Micro Finance Intervention in	04.07.2020

Name	Details	Date
	Diverse Cultures conducted by ICSSR Research Team, University of Calcutta	
	FDP on Case Discussion Methodology Bachelor of Business A organized by Mahatma Gandhi National Council of Rural Education	18-22.05.2020

Research Projects Details:

Title of the Project	Sponsored by	Year of Sanction	Duration	Budget (Rs.)
Assessment of Govt. schemes and programs for developing tourism entrepreneurs in Siliguri and Darjeeling areas	NBU	2020	1 year	1,00,000
Understanding the relationship between social adjustment , emotional stability and turnover intention	NBU	2020	1 year	1,00,000

Students Placement Details:

Sl. No.	Name of the Student	Name of the Employer
1	Sushmita Lama	Bharat Financial Inclusion Limited
2	Diksha Agarwal	Neotia Getwell healthcare center
3	SamitBaidya	Axis Bank
4	Sumon Das	Bajaj Allianz Life Insurance Company
5	BratatiSaha	Bajaj Allianz Life Insurance Company
6	UshnataRai	Bajaj Allianz Life Insurance Company
7	Nikita Bania	Bajaj Allianz Life Insurance Company
8	Anubhab Kumar	Bajaj Allianz Life Insurance Company
9	MoumitaDevroy	Bajaj Allianz Life Insurance Company
10	Sayani Dutta	Bajaj Allianz Life Insurance Company
11	Taniya Roy	ICICI Prudential Life Insurance
12	Tamanna Ghosh	Sandeepg real estate
13	ShubhankarSaha	Sandeepg real estate
14	Pronay Deb	Royal Enfield
15	Manoj Kumar Singha	Bandhan Bank
16	UnikiKhanal	Bandhan Bank
17	Apurba Shankar Paul	Bajaj Allianz Life Insurance Company

Sl. No.	Name of the Student	Name of the Employer
18	Chnadan Sharma	Future Retail
19	ShikaRai	Elixir Writing Services Pvt Ltd.
20	Smarika Raya	Elixir Writing Services Pvt Ltd.
21	PraweshRai	Elixir Writing Services Pvt Ltd.
22	PriyankaSen	Byju's
23	Puja purohit	Paperpedia
24	Kapil Sharma	Byju's
25	Mousumi Paul	Aidtya Birla Fashion Retails Ltd.
26	Soubhik Roy	Aidtya Birla Fashion Retails Ltd.

DEPARTMENT OF MASS COMMUNICATION

About the Department:

The Department of Mass Communication, University of North Bengal was established in 2009. Since then the infrastructure and facilities in the Department has been upgraded to meet the requirements of quality theory and practical courses. The Department has been made equipped with PD professional cameras, a couple of SLR digital cameras along updated editing softwares. The Department has two laboratories; one for the desktop printing and one for editing audio visual projects. There are good number of computers in the DTP lab and several desktops along with iMac machines in the audio visual lab. The vertical extension of the building has accommodated a seminar room, an audio visual lab and a reading room.

The students mostly do their class projects like recording and editing radio spots, editing films and documentaries in this audio visual lab. The reading room has books and dissertations of previous years for reference purpose along with 5 newspapers in different languages which can be accessed by the students anytime. Students direct, shoots and edits short films/documentaries as a project. A student's film festival 'Bioscope' is organized to screen the films made by the students. This platform has been initiated to showcase the talent and creativity of the students. Apart from regular theory and practical classes, the class routine also schedules a Media Club every Friday where various activities are planned to involve the students from practical classes. Every Friday a new topic or an activity like photography competition, interview techniques, classic movie screening with a discussion or designing a magazine etc are held. The upgraded syllabus includes a study tour to be conducted within the country which includes a visit to the various media organization and diverse community of those regions.

The Department conducts regular practical classes on cinematography and video editing, newspaper designing and so on. The students prepare vox pop, radio spots, design a newspaper etc. and are also given hands on training in making house journals and print advertisements by visiting the local corporate companies based at Siliguri. The Department conducts visit to the AIR at Kurseong, Doordarshan Kendra and Siliguri based FM stations every year.

Courses Offered:

- M. A.
- Ph. D.

Research Focus:

- Developed communication
- Community Media

Student Strength:

Course	Year	Male	Female	Total
MA	2020	10	25	35

Details of Course Completed by Students in 2020-21:

Course	Male	Female	Total
MA	6	16	22

Faculty Details:

Name	Qualification	Designation
Mr. Subhrajyoti Kundu	MA (perusing PhD)	Asst. Professor
Dr. Abhishek Das	PhD	Asst. Professor
Mrs. Deepika Thapa	MA	Asst. Professor (Contractual)

Details of Non-Teaching Staff:

Name	Qualification	Designation
Dipak Dey	Madhyamik	Peon (Casual)

Details of Research Scholars:

Name	Fellowship Status	Gender	Date of Joining
Lakshmi Prabha P	UGC ET-JRF	Female	20/12/2019

Details of PhD Students (Without Fellowship):

Name	Gender	Date of Admission in Ph.D. Course Work
Vikram Rai	Male	02/01/2020

Details of Seminar/Conferences /Webinar Attended by Faculty:

Name	Details	Date
Subhrajyoti Kundu	International Webinar on Communicating COVID-19: Geopolitics of A Global Pandemic organized by Sree Chaitanya Mahavidyala, 24 Pgs. in collaboration with Domkal Girls' College, Murshidabad	30.06.2020 & 01.07.2020
	Webinar on Literature through Music: Rendition of a section of Abhijanashakuntalam and Kubla Khan on violin organized by Bethune College, Kolkata	04.07.2020
	Webinar on Art of Film Making and Creativity in Advertising organized by Apeejay Institute of Mass Communication	07.07.2020

Name	Details	Date
	Webinar on Citizen -Friendly Administration: Emerging Issues organized by JAIN (Deemed-to-be University) in collaboration with Centre for Research in Social Sciences and Education (CERSSE) and Indian Institute of Public Administration	24.07.2020
	National Webinar on Philosophy of Mathematics, Psychoanalysis and Modernist Literature organized by the Narasinha Dutt College	03.08.2020
	Webinar on Impact of Tobacco on COVID-19 organized by NSS, NBU in collaboration with Sambandh Health Foundation	08.08.2020
	International Webinar on COVID may change, but not lessen opportunities in Media organized by the Brainware University	12.08.2020 & 14.08.2020
	Webinar on the topic Mahatma Gandhi: Making of History and Contemporary organized by Tezpur University.	15.08.2020
	Webinar on Culture and Social relations, organized by NBU	24.11.2020
	Webinar on Is Online Media Changing Education for the Better? organized by sister Nivedita University	26.11.2020
	Workshop on Dhimal Language (Bhasha Porichoy Series 1) Organized by NBU	15 – 17.01.2021
	Webinar on Women’s Mental Health: Issues and Challenges organized by NBU	24.03.2021

Publication:

Name of the Author	Publication Details	Year
Subhrajyoti Kundu	Editor, <i>Bairati</i> , Journal of Centre for Studies in Local Languages and Cultures, NBU	2020-2021

Placement Details:

08 students out of 22 got placed in the year 2020-21

DEPARTMENT OF NEPALI

About the Department:

The Department of Nepali, University of North Bengal was established in 1977 with a view to fulfill the aspiration of the cherished people of Darjeeling, Dooars, Jalpaiguri and its adjoining neighbour state Sikkim, and North Eastern states. Starting its journey in the Arts Building of the University, the Department was relocated in its own new building in 2001.

An academy within the Department was established under funding support of the State Government to develop and initiate the research work on Nepali Language and Literature, Culture, Folk lore of the people in Nepali speaking areas of North Bengal, Sikkim, Bhutan, North Eastern states and nearest Himalayan region.

Beside the Department activities, the faculty members of Nepali Department are time to time engaged in various National and state level confidential works in relation to the Nepali language and literature assignments under the UPSC, UGC, WBPS, WBCSC & etc.

Courses Offered:

- M. A. in Nepali
- M. Phil. in Nepali
- Ph. D. in Nepali

Research Focus:

- Nepali Prose Stylistics
- Modern Nepali Fiction
- Drama, Folklore and Criticism

Student Strength:

Course	Year	Male	Female	Total	SC	ST	OBC-A	OBC-B	Gen
M.A.	2020	8	40	48	4	14	21	0	9

Details of Course Completed by Students in 2020 - 21:

Course	Year	Male	Female	Total	SC	ST	OBC-A	OBC-B	Gen
M. A.	2020	10	42	52	7	18	24	Nil	3

Faculty Details:

Name	Qualification	Designation	Email
Dr. Ghanashyam Nepal	M.A., Ph.D.	Professor	nepalgs@gmail.com

Name	Qualification	Designation	Email
Dr. Mohan Prasad Dahal	M.A., Ph.D.	Professor	mohanpdahal.nbu@gmail.com
Dr. Krishnaraj Ghatani	M.A., Ph.D.	Professor	ghatanikr@gmail.com
Dr. Sanjay Rai	M.A., Ph.D.	Professor	sanjaybantawa@gmail.com
Dr. Pushkar Parajuli	M.A., Ph.D.	Asst. Professor	pparajuli.nbu@gmail.com
Dr. Dup Tshering Lepcha	M.A., M. Phil, Ph.D.	Asst. Professor	duptsheringlepcha@nbu.ac.in
Smt. Krishnamaya Manger	M.A.	Asst. Professor	krishnamanger@gmail.com

Details of Non-Teaching Staff:

Name	Qualification	Designation
Sri Gyan Prasad Chhetri	M.A. in Nepali	Superintendent (Technical)
Miss Rina Subba	M.A. in History	Office Assistant (Casual)
Smt. Jamuni Sharma	Class IV appeared	Record Supplier

Details of Research Scholars:

Name	Fellowship Status	Supervisor's Name	Gender	Date of Joining
Pritam Rai	NET (JRF)	Dr. Dup Tshering Lepcha	Male	02.01.2020
Bhim Kumar	NET (JRF)	Prof. Krishnaraj Ghatani	Male	02.01.2020
Chandrika Rai	NET (JRF)	Prof. Ghanashyam Nepal	Female	02.01.2020
Bunu Sharma	NET (JRF)	Prof. Krishnaraj Ghatani	Female	02.01.2020
Gopal Bista	NET (JRF)	Dr. Pushkar Parajuli	Male	02.01.2020
Ashish Tamang	NET (JRF)	Prof. Sanjay Rai	Male	02.01.2020
Shiben Sharma	NET (JRF)	Dr. Pushkar Parajuli	Male	02.01.2019
Shivam Sharma	NET (JRF)	Prof. Ghanashyam Nepal	Male	02.03.2021
Sachin Chhetri	NET (JRF)	Dr. Mamta Lama	Male	25.03.2021

Publications:

Name of the Author	Publication Details	Year
Smt. Krishnamaya Manger	भूपि शेरचनका कवितामा लक्षणा प्रयोग, अनुसन्धान, Vol.3:4,	2020
	Numeral Classifiers in Nepali, <i>Language in India</i> , Vol. 20:8, August, 2020	2020

DEPARTMENT OF PHILOSOPHY

About the Department:

The Department of Philosophy, North Bengal University, which was established in 1968, is one of the very accomplished centres of learning and research in Philosophy in India. The Department gives equal emphasis on quality research as well as on development and training of students through extensive teacher-student interaction.

The Department is a vibrant centre of higher education and research. Academic activities like taking up of research projects, publication of books and papers, organization of seminars/workshops and refresher courses have been a mark of the department over the years. An atmosphere of free discussion is encouraged in the department which helps the students to realize the significance of Philosophy in areas beyond the contours of the syllabus. Student–teacher interaction during classroom teaching as well as during seminars is not strictly confined to the limits of the syllabus, but transcends into other areas of importance and relevance. National and international seminars and lectures by well-known scholars are held regularly in the department. Faculty from various Indian and foreign universities visit us regularly, adding to the vitality of the academic discourse here. The faculty members of this department also visit universities abroad on visiting faculty programmes and for attending seminars/conferences. Students are encouraged to take part in academic discussions with visiting faculty and to participate in seminars/conferences.

The Department of Philosophy, University of North Bengal has been awarded Special Assistance DRS I (2002 -2009), DRS-II (2009-2014) and DRS-III (2015-2020) by the UGC to carry on research on ‘*The Problem of Meaning in Classical Indian Philosophy and Contemporary Western Philosophy*’.

Courses Offered:

- M. A.
- M. Phil.
- Ph. D.

Research Focus:

- Philosophy of Language
- Analytic Philosophy
- Contemporary Indian Philosophy
- Continental Philosophy
- Philosophy of Religion
- Cognitive Science

Student Strength:

Course	Male	Female	Total	SC	ST	OBC-A	OBC-B	Gen
M.A. Sem - I	32	47	79	40	7	8	8	16
M. A. Sem - III	25	41	66	39	3	6	6	12

Faculty Details:

Name	Qualification	Designation	Email
Prof. Debika Saha	Ph. D.	Professor	dsphil8@nbu.ac.in
Prof. Kantilal Das	Ph. D.	Professor	drkldas1963@nbu.ac.in
Prof. Jyotish Ch. Basak	Ph. D.	Professor	jyotishcbasak@nbu.ac.in
Dr. Koushik Joardar	Ph. D.	Assoc. Professor	koushikjoardar@nbu.ac.in
Dr. Nirmal Kr. Roy	Ph. D.	Assoc. Professor	nkr.anirban@nbu.ac.in
Dr. Anirban Mukherjee	Ph. D.	Assoc. Professor	anirban@nbu.ac.in
Dr. Laxmikanta Padhi	Ph. D.	Assoc. Professor	lkpadhi@nbu.ac.in
Dr. Ngaleknao Ramthing	Ph. D.	Asst. Professor	ngaleknaonbu15@nbu.ac.in
Smt. Swagata Ghosh	MA, M. Phil	Asst. Professor	ghoshswagatanbu@nbu.ac.in
Smt. Anureema Bhattacharyya	MA	Asst. Professor	abhattacharyya4@nbu.ac.in
Dr. Mayank Bora	Ph. D.	Asst. Professor	mayankbora@nbu.ac.in

Details of Non-Teaching Staff:

Name	Designation
Smt. Priyanka Roy	Jr. Asstt. Cum Typist
Shri Balaram Kundu	Record Supplier

Name of the Research Scholars:

1. Reshmee Sarkar	10. Samir Barman	19. Najmun Khatun
2. Soumitra Chakroborty	11. Sanjay Boro	20. Krishna Paul
3. Sahabuddhin Ahamed Jamader	12. Jayeeta Majumdar	21. Harendra Nath Barman
4. Priyanka Basak	13. Rupon Nag	22. Bibash Chakroborty
5. Kabita Roy	14. Jayanta Barman	23. Nasima Begam
6. Madhurima Bhowmick	15. Niranjan Adhikary	24. Avhijit Ghosh
7. Joly Roy	16. Beauty Das	25. Subhankar Poddar
8. Mrinal Kanti Basak	17. Apabrita Bhattacharyya	
9. Sushobon Deb Barman	18. Sujan Mandal	

Details of Seminar/Conferences /Webinar Organised by the Department:

Name of the Teacher Coordinator	Name of the Seminar/Conference	Date
Nirmal Kumar Roy	The Philosophy and Contribution of Contemporary Thinkers	08-09-.01.2021

Name of the Teacher Coordinator	Name of the Seminar/Conference	Date
Laxmikanta Padhi	National Webinar on Philosophy of Yoga in 21 st Century, sponsored by ICPR, New Delhi	02.07.2020
N. Ramthing	The Philosophy and Contribution of Contemporary Thinkers	08-09.01.2021
Swagata Ghosh	ICPR Sponsored Three-day National Seminar on 'Logic: East and West'	17-19.03.2021
Mayank Bora	Logic and its Applications: East and West perspectives	17-19.03.2021

Details of Seminar/Conferences /Webinar Attended by Faculty:

Name	Name of the Seminars/Conference	Date	Title of the Paper presented
Debika Saha	On Feminist Issues, organized by Mumbai University	27.05.2020	Rethinking Women's Position through the Lens of Gargi: The Ancient Brahmabadins
	Delivered Welcome address as Chief Guest, organized by NBU	17.05.2020	Covid-19 & Human Trafficking
Kantilal Das	National Webinar Seminar, organized by Malda Women's College	05.09.2020	Yoga, Health and Covid-19
	National Webinar on Ethics in Business and Public Relations: the Modern Paradox, organized by South Calcutta Girls College	07.08.2020	Business Ethics: Issues an Perspectives
	National Webinar on Covid-19:some Philosophical Reflections, organized by Burdwan University	13.08.2020	Covid- 19: Existential Crisis and the Crisis of Humanity
	National Webinar on Religion, Morality and Violence: A Philosophical Exploration, organized by Raiganj University	03.09.2020	Wittgenstein on Religion and Morality towards resolving Violence
Nirmal Kumar Roy	Yoga and the Quest for Well-being, organized by Bankura Zill Saradamani Mahila Mahavidyapith	03-04.07.2020	The concept of Karma yoga and the Quest for Wellbeing

Name	Name of the Seminars/Conference	Date	Title of the Paper presented
	Advaita Vedanta Theory of Perception & Role of Spiritual Thoughts in the Present Scenario, organised by Kaliyaganj College	20.08.2020	Role of Spirituals Thought in present Scenario
	Exploring Virtue Amidst Crisis, organised by Khalisani Mahavidyalay	15.09.2020	Attended
Anirban Mukherjee	Women of Achievement in Academia, organized by Mumbai University	27.05.2020	Making Sense of Gayatri Chakravorty Spivak
	Revisiting the Vision of Mahatma Gandhi, organized by Jadavpur University	17.12.2020	The Crux of Gandhi or How to Read Gandhi as Philosopher
	Determinacy and Indeterminacy in Meaning: From Wittgenstein's Perspectives, organized by University of Gour Banga	13-14.10.2020	Wittgenstein and the Social Bubble: Recovering Meaning, Truth and Agency
Laxmikanta Padhi	National Level Virtual Symposium on the New Education Policy, organized by Rabindra Bharati University	17.08.2020	Some Observations on the New Education Policy, 2020
	National Webinar on Modern Lifestyle, organized by Gazole Mahavidyalaya, Malda	24.08.2020	Dharma: Debates and Perspectives
	Online Special lecture in the National Webinar, organized by Kazi Nazrul College, Muraroi	22.09.2020	The Concept of Dharma in the Mahabharata
	Two lectures in the Refresher Course in Law, themed 'Role of Law in the Globalised World', organized by UGC-HRDC-NBU	25.11.2020	Law (Dharma), Morality and Justice: Some Observations
	Two lectures on Some Issues in Euthanasia / Mercy Killing in the FIP-1 and Is Eco-feminism Feasible in 21 st Century? in the Refresher Course on Women Studies (RC-WS), organized by UGC-HRDC-NBU	16.12.2020	Digital platform at the UGC – Human Resource Development Centre, University of North Bengal
	ICPR Sponsored One-day Periodical Lecture programme on "Man-	13.02.2021	Does Environmental Ethics solve the

Name	Name of the Seminars/Conference	Date	Title of the Paper presented
	Environment Interdependence and Sustainable Development", organized by Barasat Government College		environmental Problems and Solve the World?
	ICPR Sponsored Periodical Lecture and International Webinar On Necessity of Yoga in Modern Lifestyle, organized by Debra Thana Sahid Kshudiram Smriti Mahavidyalaya	24.03.2021	Philosophy of Yoga
Swagata Ghosh	Delivered invited online lecture at the Webinar on Pandemic and Philosophical Insight, organized by Karimpur Pannadevi College	05.08.2020	'Dealing with Mental Health during the Pandemic: Approaches from Philosophical Counseling
	Delivered invited lecture at ICPR – Sponsored Three-day National Seminar on 'Logic: East and West' organized by the Department of Philosophy, University of North Bengal	17-19.03.2021	An Epistemic Study of the Sāṃkhya System of Logic
Anureema Bhattacharyya	5 th International Conference on Integrated Approaches on research in Humanities and Social Sciences, organized by Kaash Foundations Centre for Academic and Professional Development in collaboration with University of Alzahra, Iran and Chinmaya Vishwavidyapeeth Veliyanad	03.06.2020	Putnam's rejection of the fact-value dichotomy- A neo-naturalist approach
	Seven Days Online National Workshop on Understanding Logical Positivism Through Ayer's language, Truth and Logic, organized by Vasanta College for Women	05-11.06.2020	Attended
	National webinar on Post Corona Culture and Women, organized by University of Mumbai and Bhartiya Mahila Darshanik Parishad	15.06.2020	Attended

Name	Name of the Seminars/Conference	Date	Title of the Paper presented
	National webinar on Philosophical Reflections on Covid-19, organized by Agurchand Manmull Jain College	15.06.2020	Attended
	Online Lecture Series on Critical thinking, organized by East Calcutta Girls' College	17-19.06.2020	Attended
	One Week Workshop on Managing Stress in Covid-19 Through Yog and Lifestyle, organized by Bhagat Phool Singh Mahila Bishwavidyalaya and IC	04-10.07.2020	Attended
	Webinar on Women empowerment and Gender Justice in India: Issues and Challenges, organized by Aligarh Muslim University	18.07.2020	Gender justice & Sustainable Relationships- An Examination
	Two days National Webinar on 'Yoga and Wellness in the Context of Covid-19, organized by Gobinda Prasad Mahavidyalaya, Bankura	18-19.07.2020	Yoga- A process of Self Transformation in the Context of Covid-19
	Three days National Seminar on Logic: East and West, organized by NBU	17-19.03.2021	Deriving 'Ought' from 'is': A Fallacious Inference?
Mayank Bora	Three days National Seminar on Logic: East and West, organized by NBU	17-19.03.2021	Multiple Conclusion LP and Classical Recapture

Publications:

Name of the author(s)	Name of the Book/Journal/Volume	Year
Kantilal Das	Wittgenstein on Religious Language and Value, Book: <i>The Nature of Reality: Philosophical Discourse in Language, Religion and Culture</i> , Eds. J. Saha, J.Ghosh and P. Jha, Levant Books, pp. 103 - 111	2020
	Putnam on the Magical Theory of Reference, <i>Philosophy and Life World</i> , Vol.23	2020

Name of the author(s)	Name of the Book/Journal/Volume	Year
Jyotish Chandra Basak	Decoding Democracy, Book: <i>Conditions for Becoming a Democratic State</i> , Eds. Prof. Samar Kumar Mondal, Jadavpur University, Kolkata	2020
	Artha: it's meaning and aetiology of its emergence as central purusārth, <i>Philosophical Papers</i> , Vol. XVII, pp. 65-83)	2021
Nirmal Kumar Roy	Revisiting the Buddhist Concept of Pramāṇa Book: <i>The Engaged Intellect Essays on the Philosophical Perspectives of Raghunath Ghosh</i> , Levant Books, Kolkata, ISBN No. 978-93-88069-66-3, pp.- 134-145	2020
	True Buddhism in the Eye of Swami Vivekananda, Book: <i>Multidimensional Personality of Swami Vivekananda</i> , Eds. Dr. Bonani Sinha & Abhishek Choudhury, Booksclinic Publishing, Chhattisgarh, ISBN No. 978-81-94935-83-4, pp.- 33-42	2021
Koushik Joardar	Ami Kibhabe achi (on Heidegger's concept of being), Book: <i>Ebang Mushayera</i>	2021
Laxmikanta Padhi	Is Arthaśāstra a Dharmaśāstra? <i>Thai Prajñā</i> (an International Journal of Indology and Culture Journal) Volume IV, (ISSN 2586-9671)	2020
	What Makes a Human Being Valuable? <i>Jnanadeepa</i> : Pune Journal of Religious Studies, 24 (2), pp. 28–41.	2020
	Advaita Vedānta and Environmental Ethics: Some Critical Observations, <i>Summer-Hill</i> , Indian Institute of Advanced Studies, Shimla, 26:1, pp.65-70 (ISSN: 0972-1452)	2020
	Morality and its Value in Human Being: An Indian Approach, Book: <i>The Engaged Intellect: Essays on the Philosophical Perspectives of Raghunath Ghosh</i> , Eds. Jahdeswar Ghosh, Levant Books, Kolkata, p.215-231	2020
	Eco feminism: Debates and Dimensions, in <i>JAOPA</i> , Vol. VII, No. I, p. 49-62	2021
N. Ramthing	Kant's Morals and Respect for Persons, <i>JINĀSĀ - a Philosophical Journal</i> , Vol. VI, ISBN: 978-93-5593-141-2	2021
Swagata Ghosh	The Contrast Between the Natures of the Binary in Sāṅkhya Philosophy: Some Observations, <i>Philosophical Papers</i> , Vol. XVII, pp. 363-372, ISSN:-0976 4496	2021

Name of the author(s)	Name of the Book/Journal/Volume	Year
	Gettier's Objection and Lehrer's Solution Concerning the Problem of Knowledge: An Analysis based on the Logical Structure of Cognition, Book: <i>Language, Meaning and Interpretation: East and West</i> , Northern Book Centre, New Delhi, 2021, ISBN: 81-7211-383-1 978-81-7211-395-1	2021
Anureema Bhattacharyya	Semantic Import of Moral Terms: Cognitivism vs. Noncognitivism, <i>Philosophical Papers</i> , Vol. XVII, pp. 373-388, ISSN:-0976 4496	2021
Mayank Bora	Justice and Responsibility in a Care Ethical Framework, Book: <i>Justice and Responsibility: Re-learning to be Human : Indian Philosophical Studies, XVII</i> , Eds. Balaganpathi Devarakonda and Sebastian Velassery, CRVP Publications	2021

Research Projects Details:

Title of the Scheme Project	Name of the PI	Sanctioned Authority
Philosophical Foundations of Ancient Indian Political Thought	Jyotish Chandra Basak	ICPR
A Comparative Study between 'Why I am not a Christian?' by Bertrand Russell and 'Why I am an Atheist?' by Bhagat Singh	Laxmikanta Padhi	NBU
Fregean Identity without Fregean Contents (originally from 2019 to 2020, but extended upto 2021)	Mayank Bora	NBU

Visiting Fellow:

Sl. No.	Name of the Visiting Fellow	University/Institute
1.	Prof. Paneer Selvam	Dept. of Philosophy, Madras University
2.	Prof. Ramesh Chandra Sinha	Former Chairman, ICPR
3.	Prof. Sarat Chandra Panigrahi	Dept. of Philosophy, Utkal University
4.	Prof. Raghunath Ghosh	Former Professor, Dept. of Philosophy, University of North Bengal
5.	Prof. P.K. Mahapatra	Former Professor, Dept. of Philosophy, Utkal University
6.	Prof. S.R. Bhatt	Former Chairman, ICPR
7.	Prof. Gopal Sahu	Head, Dept. of Philosophy, Allahabad University

Sl. No.	Name of the Visiting Fellow	University/Institute
8.	Prof. Ambika Datta Sharma	Dept. of Philosophy, Dr. Harisingh Gour Vishwavidyalaya
9.	Prof. Xavier P. Mao	Dept. of Philosophy, North-Eastern Hill University
10.	Prof. Adarasupally Nataraju	Dean & Professor, Sarvepally Radhakrishnan School of Philosophical Studies, Assam University
11.	Prof. K.C. Pandey	Professor & Head, Dept. of Philosophy, Lucknow University
12.	Prof. Pravesh Jung	Associate Professor, Dept. of Philosophy and Social Sciences, IIT Powai
13.	Prof. Gobinda Mishra	Former Professor & Head, Dept. of Philosophy, Madras University
14.	Prof. Ramesh Chandra Pradhan	Former Professor, Dept. of Philosophy, Central University, Hyderabad
15.	Prof. Ranjan Mukhopadhyay	Former Professor, Dept. of Philosophy, Viswa-Bharati University
16.	Prof. Sachidananda Mishra	Member Secretary, ICPR
17.	Prof. Santosh Kumar Pal	Professor and Former Head, Burdwan University
18.	Prof. Sabita Samanta	Professor & Former Head, Dept. of Philosophy, West Bengal State University
19.	Prof. Geeta Ramana	Professor & Former Head, Dept. of Philosophy, University Mumbai

DEPARTMENT OF POLITICAL SCIENCE

About the Department:

The Department of Political Science is one of the oldest Departments with which North Bengal University began to cater to the needs of higher education in North Bengal and Sikkim since 1962. The Department revised PG syllabi in 2016 and introduced CBCS at the level of every semester for M.A. The Department also introduced CBCS for M. Phil and Ph. D. Course Work.

The students are assessed through continuous evaluation and 5% marks are reserved for attendance in every M.A. Semester. Students are also offered one practical Research Methodology training based on field survey. There are National Fellows working under the supervision of faculty. The Department has research programme under SAP DRS III.

A substantial number of scholars are pursuing their research works under the departmental PhD programme. The Faculty actively train teachers at the college level through workshops, refresher courses etc. at regular intervals. The Department also collaborates with the Centre for Himalayan Studies for the M.A. programme on Strategic & Area Studies, teaching of P.G. Diploma in Rural Development, Education & Extension with the Department of Lifelong Learning and research activities of the Centre for Women's Studies, NBU.

Courses Offered:

- M. A.
- M. Phil
- Ph. D.

Research Focus:

- Political Thought and Theory
- Political Economy of Development
- Public Administration
- Indian Politics
- Foreign Policy
- Strategic Studies

Student Strength:

Course	Year	Male	Female	Total	SC	ST	OBC-A	OBC-B	Gen
MA	Sem –I	36	50	86	33	11	10	12	20
MA	Sem - III	19	53	72	23	14	5	10	20

Faculty Details:

Name	Qualification	Designation	Email
Prof. Sourmitra De	Ph. D	Professor	soumitrade@nbu.ac.in

Name	Qualification	Designation	Email
Prof. Arun Kanti Jana	M.Phil., Ph. D	Professor	arunkantijana@nbu.ac.in
Prof. Ranjita Chakroborty	M.Phil., Ph. D	Professor	ranjitachakroborty@nbu.ac.in
Shri Dyutis Chakrabarti	M.A	Assoc. Professor	dyutishc@gmail.com
Dr. Ramesh Dural	Ph. D	Assoc. Professor	rameshdural@nbu.ac.in
Prof. Rabi Bera	M.A	Asst. Professor	rabibera@nbu.ac.in
Prof. Souradeep Sen	M.A	Asst. Professor	souradeepsen@nbu.ac.in
Dr. Isha Tirkey	M.Phil., Ph. D	Asst. Professor	ishatirkey@nbu.ac.in
Ms. Sovna Khati	M.A. , M.Phil	Asst. Professor	sovnakhati@nbu.ac.in

Details of Non-Teaching Staff:

Name	Qualification	Designation
Sri Ramprosad Bhattacharjee	Graduate	Sr. Assistant
Sri Amiri Mandal	Graduate	Peon (Casual)

Details of Student Fellowship:

Name	Fellowship Status	Gender
Lob Singh (M.Phil 1 st Sem)	UGC/NET/JRF	Male
Diksha Tamang (M.Phil 1 st Sem)	UGC/NET/JRF	Female
Narayan Barman (M.Phil 3 rd Sem)	State JRF/State Fellow	Male
Sunandita Sur (M. Phil 4 th Sem)	State JRF/State Fellow	Female
Raja Lohar (M. Phil 1 st Sem)	NFSC	Male

Name of Research Scholars:

- | | |
|----------------------|-------------------|
| a. Shanta Kerketta | i. Laila Subba |
| b. Amrita Roy Sarkar | j. Natasha Lama |
| c. Biki Biswakarma | k. Kamal Roy |
| d. Chimme Tamang | l. Nivia Goswami |
| e. Purnima Roy | m. Sanjib Lama |
| f. Mithun Das | n. Abinash Darnal |
| g. Archana Mandal | o. Shakti Sharma |
| h. Dipen Roy | |

Name of Research Scholars (Without Fellowship):

- | | |
|-------------------------|------------------------|
| a. Purnima Roy (Ph. D.) | g. Raju Paul (M. Phil) |
|-------------------------|------------------------|

- | | |
|-------------------------------|-----------------------------|
| b. Monisha Ghosh (M. Phil) | h. Pranajit Ghosh (M. Phil) |
| c. Nilima Chhetri (M. Phil) | i. Shivani Subba (M. Phil) |
| d. Manisha Tamang (M. Phil) | j. Ismita Chhetri (M. Phil) |
| e. Prasenjit Thakur (M. Phil) | k. Kiran Thapa (M. Phil) |
| f. Radhika Baghwar (M. Phil) | l. Jagadish Roy (M. Phil) |

Details of Seminar/Conferences /Webinar Attended by Faculty:

Name	Details	Date	Title of the paper presented
Prof. R Chakraborty	Orientation Training Programme for Mentor of HEI, organised by NITTR, Kolkata	27.01.2021 – 04.02.2021	
Prof. A K Jana	ICSSR sponsored webinar on Culture of Fear of World Politics: Origin and Ramifications, organised by Surya Sen Mahavidyalaya, Siliguri	23- 24.02.2021	The Ascendance of Hindu Nationalism and the Consequent Escalation of Fear Among the Minority Muslims in India's Plural Society
	Special lecture organised by Tufanganj Mahavidyalaya, Cooch Behar	18.09.2020	State Response to COVID 19 pandemic and Federalism in India
	Special lecture organised by Government General Degree College, Hooghly		Pandemic: Introspection from varied Perspectives of COVID 19 Pandemic and State Response in India.
	National Webinar on COVID 19: Impasses & Means to Overcome, organized by Bhawanipur Anchalik College in Collaboration with Salbari College, Assam	09.08.2020	State Response to COVID 19 in India

Publications:

Name of the Author	Publication Details	Year
Prof. Arun Kanti Jana	The State and Rural Development in Independent India: The Issue of Poverty Alleviation and Literacy, <i>Indian Journal of Adult Education</i> , ISSN 0019-5006	2020

Name of the Author	Publication Details	Year
	Liberalisation of the Indian Economy and the Demand for Resources by State Governments in Federal India, Book: <i>Cooperative Federalism in India: Myth or Reality</i> , Ed. Saroj Kumar Verma, Victorious Publishers (India), p. 56 – 96, ISBN 978-93-87294-46-2	2021
Prof. Ranjita Chakraborty	Political Trust, Democracy and the Pandemic: The Indian Scenario, Book: <i>COVID Narratives and Politics of New Normal</i> , Eds. Amit Rauth and K Arunlal, Athors Press, New Delhi	2021
	Citizenship: Reflection on the Shifts and Fluidity, Book: <i>Citizenship, Ilwgal Migration and Politics</i> , p. 430 – 464, Adhyayan Books	2021
Souradeep Sen	"Review: Tackling Deterrence Uncertainty in South Asia," <i>National Security</i> , Vol. 3, No. 1 pp. 277-280, ISSN 2581-9658 (O)	2020
	"Perilous Deterrent: Pandemic and the Consequent Re-evaluation of India's National Security," <i>National Security</i> , Vol. 3, No. 4 pp. 457-481, ISSN 2581-9658 (O)	2020
	Bangladesh at SO : Development and Challenges, <i>Jadavpur Journal of International Relations</i> , 1-5	2021

Research Projects Details:

Title of the Project	PI	Sponsored by	Year of Sanction	Duration	Budget (Rs.)
Free legal aid services and advocacy organizations: a review of the civil society organizations in the districts of Jalpaiguri, Alipurduar and Darjeeling	Prof. Ranjita Chakraborty	NBU	2020	1 year	1,00,000
Measuring Women Empowerment: A study of Darjeeling Hills in the Context of Empowerment of Women Through Self Help Groups (SHGs)	Dr. Ramesh Dural	NBU	2019	1 year	1,00,000

DEPARTMENT OF SANSKRIT

About the Department:

The Department of Sanskrit started its journey at the Jalpaiguri Campus, University of North Bengal with Master of Arts programme from 16th August 2013. The Department offers four optional specializations in the groups of Veda, Vyakarana, Darsana and Kavya in the Post Graduate level.

The Department organizes Seminar, Workshop and Lecture Programmes so as to enrich the students with curriculum beyond the Syllabus. Since inception the department has remained engaged in popularizing the Study of Sanskrit language and literature in the region. The Faculty Members regularly participate in different Faculty Development Program, Seminar, Workshop and Conference for improving their teaching skills in higher education. Simple Sanskrit speaking courses are regularly organized within and outside university campus to enable the learners speak in simple Sanskrit.

Courses Offered:

- MA in Sanskrit

Student Strength:

Course	Year	Male	Female	Total	SC	ST	OBC-A	OBC-B	Gen
MA	2021	11	35	46	30	04	04	03	05
	2020	06	31	37	18	0	04	06	09

Details of Course Completed by Students in 2020-21:

Course	Year	Male	Female	Total	SC	ST	OBC-A	OBC-B	Gen
M. A.	2021	12	32	44	30	0	04	02	08

Faculty Details:

Name	Qualification	Designation	Email
Dr. Sudip Mandal	M. Phil, Ph. D.	Asst. Professor	sudipmandal@nbu.ac.in
Rafikul Alam	M.A., M. Phil	Asst. Professor	rafikulalam@nbu.ac.in
Lagnajeeta Chakraborty	M.A., M. Phil	Asst. Professor	lagnajeetachakraborty@nbu.ac.in

Details of Seminar/Conferences /Webinar Attended by Faculty:

Name	Details	Date
Lagnajeeta Chakraborty	Webinar on Vedic & Ayurvedic sources of disease and cure for human welfare, organised by Chandidas Mahavidya	20.06.2020
	Webinar on Role of Ayurveda in present situation, organised by Mankar College	02.10.2020
	Webinar on Polity of the Mahabharata in the context of present perspective	21-23.09.2020

Publications:

Name of the Author	Publication Details	Year
Dr. Sudip Mandal	<i>Vyasa</i> , Vol. – XVII, ISBN - 2320-2025	2021
Dr. Sudip Mandal	<i>Sodhanidhi</i> , Department of Sanskrit, University of Gour Banga	2021

DEPARTMENT OF SOCIOLOGY

About the Department:

The Department of Sociology, initially as a combined Department of Sociology and Social Anthropology, was established in the year of 1976. In 2002 Anthropology was emerged as a separate Department the University and then onwards Department of Sociology progressed further on its own.

As part of PG curriculum the Department undertakes team field work with the students of final semester for two weeks every year. Besides teaching, the faculties are active in conducting research projects, writing research articles, books and project reports. The teachers participate in national and international seminars and workshops, visit academic institutions of repute within and outside the country, and participate in extension and administrative activities of this University and other Universities.

The Department undertakes the task of revising and updating the Post Graduate and undergraduate syllabi regularly. The Department has the distinction of producing a group of vibrant research scholars who have been actively involved in research and in taking part in Seminars/Conferences and Workshops held at different places within India as also in Nepal.

Courses Offered:

- M. A.
- M. Phil.
- Ph. D.

Research Focus:

- Urban Sociology
- Sociology of Religion and Health
- Refugee Studies
- Tribal Studies

Student Strength:

Course	Year	Male	Female	Total	SC	ST	OBC-A	OBC-B	Gen
MA	Sem I	9	36	45	10	6	1	7	21
	Sem III	5	33	38	8	14	0	8	8

Faculty Details:

Name	Qualification	Designation	Email
Prof. Saswati Biswas	M.A. , Ph.D.	Professor	saswatibiswas@nbu.ac.in
Prof. Sanjay Roy	M.A. , Ph.D.	Professor	sanjayroy@nbu.ac.in
Ms. Priyanka Karmakar	M.A.	Asst. Professor	priyankakarmakar@nbu.ac.in

Details of Non-Teaching Staff:

Name	Qualification	Designation
Mr. Shambhu Das	B. Com.	Sr. Assistant
Mr. Premananda Ghosh	M.P. (pass)	Gr-D (Casual Peon)

Details of Research Scholars:

Name	Fellowship Status	Supervisor's Name	Gender	Date of Joining
Manita Subba	NET JRF	Prof. Sanjay Roy	Female	18.01.2016
Renuka Rai	MANF	Prof. Sanjay Roy	Female	01.04.2016
Pintu Majumdar	NFSC	Prof. Saswati Biswas	Male	01.12.2020
Pooja Gupta	Non - NET	Prof. Sanjay Roy	Female	16.12.2013

Details of PhD Students (Without Fellowship):

Name	Supervisor's Name	Gender	Date of Admission in Ph.D. Course Work
Dichen Lamu Sherpa	Prof. Sanjay Roy	Female	16.12.2013
Priyanka Karmakar	Prof. Sanjay Roy	Female	07.12.2012
Sylvia Raha	Prof. Sanjay Roy	Female	23.09.2011
Mau Basu	Prof. Sanjay Roy	Female	02.01.2019
Niyati Rekha Sharma	Prof. Sanjay Roy	Female	16.12.2013

Details of Seminar/Conferences /Webinar Attended by Faculty:

Name	Details	Date	Title of the paper presented
Prof. Sanjay Roy	International webinar organized by Birpara College, Jalpaiguri	14.08.2020	Social Democracy in India: A Distant Dream
	Webinar organized by Suryasen College, Siliguri	22.08.2020	Life in Pandemic Time
Prof. Saswati Biswas	Lecture series on Culture and Personality organized by Birpara College jointly with Education and Cultural Station (ECS) Belur	29.11.2020	Patriarchy, Caste and the Development of the Self
	Lecture Series in Sociology organized by Sikkim University and Sikkim Manipal University	19.12.2020	Gender and Society in North East India

Name	Details	Date	Title of the paper presented
	Third Faculty Induction Programme organized by the UGC-HRDC-NBU	09.01.2021	Society and the Development of the Self

Publications:

Name of the Author	Publication Details	Year
Prof. Sanjay Roy	Anti-Positivism: A Critical Review of Social Science Knowledge, Book: Ethics and Objectivity in Anthropology, Ed. P. K. Misra, INCAA, p. 10-49, ISBN: 978-93-83008-25-6	2020
	Aesthetic Imageries: A Look at the Ideas of Sartre and Levi-Strauss, <i>Social Trends</i> , Vol. 7, p. 232-241,	2020
	The Partition Impact: Looking through the Prism of a Village Community in Present Bangladesh, Book: <i>Boundaries and Beyond: Studies in Trans-Border Communities and Cultures</i> , Eds. Kanchan Mukhopadhyay and Ratna Dhar, Bookwell, p. 97-115, ISBN 978-93-86578-57-0	2021
	The Aesthetics of Living: The Deepening Crises, <i>Social Trends</i> , Vol. 8, p. 246-270, ISSN: 2348-6538	2021
Prof. Saswati Biswas	Rising Hate Crimes in India: An Attempt at understanding the Social Context, <i>Kerala Sociologist</i> , Vol. 48, No.2	2020
Priyanka Karmakar	Missing Daughters: Social Perception and Treatment of Girl Child in India, <i>Social Trends</i> , Vol. 8, p. 169-182. ISSN: 2348-6538	2021

Miscellaneous:

The Department publishes '*Social Trends*', an annual peer reviewed journal of the Department of Sociology, North Bengal University, ISSN: 2348-6538

CHAPTER – IV
RESEARCH CENTRES

BIOINFORMATICS FACILITY

About the Centre:

The science of Bioinformatics, which is the melding of molecular biology with computer science, is essential to the use of genomic information in understanding human diseases and in the identification of new molecular targets for drug discovery. Bioinformatics involve the use of techniques including applied mathematics, informatics, statistics, computer science, artificial intelligence, chemistry, and biochemistry to solve biological problems. Major research activities in the field include sequence alignment, gene finding, genome assembly, protein structure alignment, protein structure prediction, prediction of gene expression and protein-protein interactions, and the modeling of evolution.

The Bioinformatics Facility of the University of North Bengal was established in November 2006 with the help of the grant from the Department of Biotechnology, Govt. of India. Since then the facility has marched forward steadily. The Centre has every modern facility of information and communication including necessary hardware and software and provides access to the faculty members, research scholars and students from nearby universities, colleges and research institutions interested in working in the field of bioinformatics.

The Coordinator's group is actively engaged in research in the field of genomics and proteomics of nitrogen fixing bacteria and food pathogenic bacteria. Protein structure prediction, biological sequence analysis, phylogenetic study, molecular modeling and molecular docking are the major thrust areas.

Recent Projects Conducted by the Centre:

- Indo-Tunis Project on “Phytoremediation of Heavy Metal-Contaminated Soils in Tunisia and India using Frankia-Alnus symbiosis”.
- A Bioinformatics perspective to impede the tubercle bacillus (TB) devastation in West Bengal
- Sequencing and analysis of FIVE Frankia genomes, Sponsored by US Department of Energy
- Development of novel methodology for understanding the mechanism of nitrogen fixation through codon usage analysis related genes and protein structure modeling of relevant gene product (protein) and its implication, sponsored by the DBT, Govt. of India
- DST sponsored project for production of transgenic tea for fungal resistance
- UGC sponsored project on detection of best Alder-Frankia symbiosis using molecular markers

Centre Coordinator:

Name	Qualification	Email
Prof. Arnab Sen	Ph. D.	arnab.sen@nbu.ac.in

Publications:

Authors	Publication Details	Date
Sarkar I, G Sen, M Bhattyachariya, S Bhattacharyya and A Sen	In silico inquest reveals the efficacy of Cannabis in the treatment of Post-Covid-19 related neuro-degeneration, <i>Journal of Biomolecular Structure and Dynamics</i> , Vol. 40, Issue 17, ISSN: 1538-0254	2021
Kar P, Banerjee S, Chhetri A, Sen A	Synthesis, physicochemical characterization and biological activity of synthesized Silver and Rajat Bhasma nanoparticles using medicinally important Clerodendrum inerme, <i>Journal of Phytology</i> , Vol 13, ISSN: 2075-6240	2021
Banerjee S, Kar P, Sarkar I, Chhetri A, Mishra DK, Dutta A, Kumar A, Sinha B, Sen A.	Structural elucidation and chemical characterization of underutilized fruit silverberry (<i>Elaeagnus pyriformis</i>) silver nanoparticles playing a dual role as anti-cancer agent by promoting apoptosis and inhibiting ABC transporters, <i>South African Journal of Botany</i> , Vol. 145, pp. 243-257, ISSN: 0254-6299	2021
Lala, M, D Modak, S Paul, I Sarkar, A Dutta, A Kumar, S Bhattacharya and A Sen	Potent bioactive methanolic extract of wild orange (<i>Citrus macroptera</i> Mont.) shows antioxidative, anti-inflammatory, and antimicrobial properties in in vitro, in vivo, and in silico studies, <i>Bulletin of the National Research Centre</i> , 44, Article No. 81, ISSN: 2252-8307	2020
Kar P, Dutta S, Chakraborty AK, Bhattacharya M and Sen A	Leaf extract of ethnomedicinally important Bharangi (<i>Clerodendrum serratum</i>) may improve neuromodulatory activity in mice model, <i>Indian Journal of Traditional Knowledge</i> , Vol. 19, No. 4, ISSN: 0975-1068	2020
Labar R, Kar P, Biswas P, Sen A, Bhattacharya M	Evolution of matK Gene among the Elite Tea Clones (<i>Camellia sinensis</i>) Revealed by Nucleotide Substitution within the Consensus Region, <i>Journal of Applied Biology and Biotechnology</i> , DOI: 10.7324/JABB.2021.9105, ISSN: 2347-212x	2020

Authors	Publication Details	Date
Kar P, V Kumar, B Vellingiri, A Sen, et.al.	Anisotine and amarogentin as promising inhibitory candidates against SARS-CoV-2, <i>Journal of Biomolecular Structure and Dynamics</i> , DOI: 10.1080/07391102.2020.1860133, ISSN: 1538-0254	2020
Sarkar I and A Sen	In silico screening predicts common cold drug Dextromethorphan along with Prednisolone and Dexamethasone can be effective against novel Coronavirus disease (Covid-19), <i>Journal of Biomolecular Structure and Dynamics</i> , DOI: 10.1080/07391102.2020.1850528, ISSN: 1538-0254	2020
Kar P, Sharma NJ, Singh B, Sen A and Roy A	Natural compounds from Clerodendrum spp. as possible therapeutic candidates against SARS-CoV-2: an in silico investigation), <i>Journal of Biomolecular Structure and Dynamics</i> , 39(13), ISSN: 1538-0254	2020
Kar P, Mishra D, Roy A, Chakraborty AK, Sinha B and Sen A	Elucidation of phytomedicinal efficacies of Clerodendrum inerme (L.) Gaertn. (Wild Jasmine), <i>South African Journal of Botany</i> , Vol 140, pp. 356-364, ISSN: 0254-6299	2021

CENTRE FOR FLORICULTURE & AGRI-BUSINESS MANAGEMENT

About the Centre:

The Centre for Floriculture & Agri-Business Management (COFAM) was initially conceived as a research project on horticulture under aegis of the Department of Bio-Technology, North Bengal University. The idea behind the project was to promote horticulture in a region where it was not practiced on a regular basis, despite favourable soil and climate. A detailed proposal was then prepared and a request for funds was processed through the then Department of Food Processing, Government of West Bengal, to the Ministry of Commerce, Government of India. A grant of Rs. 2.74 crores were made available by the Ministry and the project was implemented in 2006.

After the project period was over, the University considered it as one of the best practices and decided to continue its functioning under the Department of Biot-Technology. Since then, COFAM has been undertaking demonstrative horticultural practices and extending core technology transfer to the growers and cultivators. At present the practice of COFAM is successful in popularizing cultivation of organic cauliflower, strawberry and dragon fruit in Nepal, Bhutan and Assam in addition to North Bengal.

COFAM is playing an instrumental role to bring back maximum number of deprived farmers especially women self-help group in the mainstream society and thus making them self-reliant by skilling them with innovative agriculture practices which yield more in short duration of time as compared to traditional chemical based method. COFAM has introduced high value cash crops like strawberry, capsicum, lettuce, broccoli, cherry tomatoes, pak-choy, basil, early cauliflower; etc. which does not require huge capital but gives high return. These organically produced crops have high demand in the urban areas and also fetch high revenue for the farmers, keeping this in view, COFAM has been Organizing a “the Sunday hat” on every Sunday from 10 am to 2 pm without any middle-men to bridge the gap between the farmers and consumer.

Research Focus:

- Tissue culture activities
- Pearl farming
- Scaling up of vermicomposting to the industrial level

Details of Non-Teaching Staff:

Name	Qualification	Designation
Sri Amrinder Pandey	M. Sc. (Horticulture) Perusing	Practical Demonstrator
Sri Ranjan Sarkar	B.A.	Office Assistant
Smt. Swati Chowdhury	B.Sc	Laboratory Attendant
Sri Anil Sarki	VIII	Field Man

Name	Qualification	Designation
Niranjan	B.A.	Multipurpose field Staff
Maloy Singha	H.S.	Multipurpose field Staff
Biswajit Singh	B.A.	Multipurpose field Staff
Subhash	VIII	Multipurpose field Staff
Arup Ghosh	M.A.	Multipurpose field Staff

Activities of the Centre:

The activities conducted by the Centre in 2020 -21 are given below –

- Internship on Floriculture, Landscaping & Organic farming for M.Sc. (Horticulture) Students of Amity University.
- Develop Rohini under Kurseong Sub Division as sustainable Agro-Tourism Place as farmers and SHGs of this village have started cultivation of Strawberries, Sweet Corn, Capsicum and other exotic vegetable under the Technical guidance of COFAM.
- Delivered lecture on activities of COFAM in the area of North Bengal and Bihar – Bengal border regions to improve the livelihood of rural people through sustainable exotic farming. Seminar was presided over by Prof. Sobti, NAAC Member & adviser to Governor of Bihar and Hon’ble Vice Chancellor, Patna University.
- Developed Discover Hills as a startup in agro-tourism destination in Kalimpong District under entrepreneurship of Mr Prasanta Pattadar
- Successfully standardized the cultivation practices for roof-top gardening of low chilling apple variety HRMN-99 in Siliguri.
- Successfully standardized the protocol of Gundruk preparation in Naxalbari block for self-employment generation.
- Successful cultivation of non-practical fruit crop of Amazon forest ‘Zabatic’ in Gazoldoba area of Jalpaiguri
- Hands on Practical Training on seedless eggplant (brinjal) for terrace gardening.
- Success introduction of purple variety of potato (Neelkantha), a variant which is good for diabetic patients, in Naxalbari Block.
- Exposure visit by 25 farmers of Mirik and Phansidewa Block in COFAM under “AADMI” Project of Govt. of West Bengal on 19.03.2021
- Exposure visit to “Yovan” cryonic factory unit in Salbari, Darjeeling.
- Developed integrated farming in Hatighisa for dragon fruit, Khakhi camphell duck, fisheries

- Successful cultivation of seedless eggplant and papaya (Taiwan variety) in Naxalbari Sapling
- Successful cultivation of Strawberry in one bigha of land in Patiramjote, Matigara.
- Successful cultivation of organic watermelon in Satbhaiya, Naxalbari Block.
- Delivered lecture on Organic Preparation for Tea plantation., organized by Siliguri Merchant Association
- Delivered lecture on exotic vegetable cultivation under protected condition (Green House) by SHGs and farmers, organized by W.B.C.A.D.C. Ministry of P&RD, Govt. of West Bengal
- Organized strawberry festival in the “The Sunday Haat” Church Road, Siliguri on 14th February, 2021.
- Exposure visit by the FPO Member of Mirik Block on 19.09.2020 to understand technical knowhow on organic farming.
- Seminar on flower cultivation in Kanchenjunga Stadium organized by Siliguri Horticulture Society and District Horticulture Office under technical support of COFAM.
- Provided plantlet and seeds to blind school in Bidhannagar for their livelihood and employment generation.
- Established Azolla farming Model in Milan More, Devidanga region under Matigara block, for demonstration

CENTRE FOR HIMALAYAN STUDIES

About the Centre:

The Centre for Himalayan Studies, University of North Bengal is an Area Studies Centre funded by the University Grants Commission under Area Studies Programme. It was established on 11th December, 1978. Since its inception the Centre's research strategy has been aimed mainly at studying the Himalayan history, geography, economy, society, polity in general and the environment, development, people and culture in particular in the Eastern Himalayan region. The Centre has regular M. Phil. and Ph. D. programmes in Himalayan Studies/Area Studies.

Since 2005, the Centre has started a two-year post-graduate programme in Strategic and Area Studies. The course is multi-disciplinary, and honours graduates from all branches of Social Science, namely, History, Geography, Economics, Political Science, Sociology can join the course. In addition, graduate defense personnel can also take admission.

The Centre receives grant from the University Grants Commission under its Area Studies Programme. The grant is utilized by undertaking various field-based research projects, inviting visiting faculty from different parts of the country, organizing seminars and special lectures, purchasing books, journals, documents and equipment, publishing journals and serials. The Centre has a Documentation Cell which collects and stores published and unpublished documents, e-resources, newspaper clippings, periodicals, journals and books on the Eastern Himalayas and caters to eclectic researchers interested in Himalayan Studies.

Courses Offered:

- MA in Strategic and Area Studies
- M. Phil.
- Ph. D.

Research Focus:

- Social, Politico and Economic issues in Bhutan, Sikkim, Darjeeling Hills, Arunachal Pradesh and adjoining areas of Tibet Autonomous Region.

Year-wise Student Strength:

Course	Male	Female	Total	SC	ST	OBC-A	OBC-B	Gen
MA Sem I	6	7	13	3	3	-	-	7

Faculty Details:

Name	Qualification	Designation
Karubaki Datta	MA, PhD	Professor
Maitreyee Choudhury	MA, PhD	Professor

Name	Qualification	Designation
Swatahsiddha Sarkar	MA, M. Phil, PhD	Professor
Ujjwal Bhui	MA, PhD	Professor
Binayak Sundas	MA, M. Phil, PhD	Assistant Professor
Adwitya Thapa	MA, M. Phil	Assistant Professor

Details of Officer:

Name	Qualification	Designation
Sri Apurba Paul	MA, MLIS	Documentation Officer

Details of Non-Teaching Staff:

Name	Qualification	Designation
Sri Manotosh Ghosh	HS	Junior Office Assistant cum Typist (Group C)
Smt. Munna Mangar	Primary	Senior Peon
Sri Ajay Takur	Graduation	Group D (Casual)

Details of Research Scholars:

Name	Fellowship Status	Supervisor's Name	Gender	Date of Joining
Ratna Saha	State Fellowship	Prof. M Choudhury	Female	02/12/2020
Ambika Rai	State Fellowship	Dr. B Sundas	Female	29/06/2021
Ritu Mangar	State Fellowship	Prof. U Bhui	Female	02/01/2019
Suman Bhattacharya	State Fellowship	Prof. S Sarkar	Female	19/04/2021
Santu Law	State Fellowship	Prof. K Datta	Male	02/03/2022
Elen Tshering Lepcha	MANF	Prof. U Bhui	Male	NA

Details of PhD Students (Without Fellowship):

Name	Supervisor's Name	Gender	Date of Registration
Jayashree Dey	Prof. Maitreyee Choudhury	Female	12/09/2016
Aditya Subba	Prof. Maitreyee Choudhury	Male	10/09/2015
Anuraj Sarkar	Prof. Maitreyee Choudhury	Male	15/03/2019
Nirmalendu Barman	Prof. Maitreyee Choudhury	Male	02/12/2020

Name	Supervisor's Name	Gender	Date of Registration
Karma Samten Bhutia	Prof. Karubaki Datta	Male	28/11/2018
Minakshee Kumari	Prof. Karubaki Datta	Female	29/09/2019
Suresh Subba	Prof. Karubaki Datta	Male	29/12/2019
Phupu Wandhi Bhutia	Prof. Karubaki Datta	Male	28/06/2021
Persis Mukhia	Prof. Ujjwal Bhui	Female	27/05/2019
Yashmin Bhandari	Prof. Ujjwal Bhui	Female	31/08/2020
Dipika Lama	Prof. Ujjwal Bhui	Female	07/01/2021
Sourav Pradhan	Prof. Ujjwal Bhui	Male	19/03/2021
Tshering Choden Bhutia	Prof. Ujjwal Bhui	Female	30/12/2019
Somoshree De	Prof. Swatahsiddha Sarkar	Female	01/01/2020
Debaditya Datta	Dr. Binayak Sundas	Male	26/11/2020

Details of Seminar/Conferences /Webinar Organised:

Name of the Seminars/Conferences	Date
Colloquium entitled “Indigenous youth and decolonial futures in Dzongu, North Sikkim, and the Navajo Nation”	08.01.2021
Colloquium entitled “Ambiguous Wealth: The Sentience and Affordances of Yartsa Gunbu in the Bhutan Highlands”	15.01.2021
Colloquium entitled “Decolonizing Development in Nepal: Tragedies, Subjugations, and the Conjuncture of Possibilities”	22.01.2021
Webinar entitled “Tourism, Development and Himalayan Futures: Disparities and Imaginaries”	29.01.2021
Colloquium entitled “Journeying Sovereignties in the Himalayas”	05.02.2021

Details of Seminar/Conferences /Webinar Attended by Faculty:

Name	Name of the Seminars/Conferences	Date	Title of the Paper Presented
Maitreyee Choudhury	National Webinar on Water Diplomacy in South Asia, jointly organized by the Sikkim University, IIT Guwahati and Pondicherry University	15.07.2020	Water Diplomacy in South Asia: Regional Actors with reference to Brahmaputra Basin
Swatahsiddha Sarkar	National Webinar on “Rethinking the notions of Nation and Space: Alternative Musings of modernity from the Global South”, organised by	29.08.2020	Freeing Himalaya from the Nation ‘Grid’

Name	Name of the Seminars/Conferences	Date	Title of the Paper Presented
	Maynaguri College and Dhupguri Girls College		
Swatahsiddha Sarkar	Online Lecture, organised by Salesian College, Siliguri	23.08.2020	Language & Literature as perspective in understanding the Darjeeling Hills

Publications:

Author	Publication Details	Year
Maitreyee Choudhury	Hydor-deplomacy and Water Cooperation between India and Bhutan, Book: <i>Indo-Bhutan Relations</i> , Ed. Ratna Paul, Abhijeet Publications, Delhi	2021
Ambika Rai	Life of the Workers in an Abandoned Tea Plantation in North Bengal, <i>Social Trends</i> , Vol 7. ISSN: 2348-6538. pp. 192-209.	2020
Santu Law	Sand Mining and Dairying as Additional Livelihood in Nagatentul and Kenjera Villages of Indas CD Block of Bankura District, West Bengal, <i>Indian Journal of Spatial Science</i> , 11(2), pp.123 – 132	2020
Swatahsiddha Sarkar	Social Change and Social Movements: Issues of leadership and Ideology, Book: <i>Social Movements: Concepts, Experiences and Concerns</i> , Ed. Biswajit Ghosh, Sage Publications, Chapter IV, pp. 68-85	2020
Swatahsiddha Sarkar	The Idea of a University in India, <i>Economic and Political Weekly</i> , Vol. 55, No. 14, pp. 21-24	2020

Research Projects Details:

Title of the Project	PI	Project Duration	Sponsored by	Year of Sanction	Budget (Rs.)
"Mountains as Episteme: Towards A Historical Sociology of Himalayan Studies"	Prof. Swatahsiddha Sarkar	1 year	University of North Bengal	2020	1,00,000

Miscellaneous Events:

- Prof. Swatahsiddha Sarkar has edited *The Himalayan Miscellany: An Area Studies Journal in Social Sciences* (ISSN 0970-4922) double issue Vol. 28 & 29 published in 2020.

- Prof. Swatahsiddha Sarkar has reviewed research articles for *Economic and Political Weekly*, *Asian Ethnicity*, *Indian Anthropologists*, *Studies in Nepali History and Society* during 2020-2021.
- Prof. Swatahsiddha Sarkar has examined M.Phil. and PhD thesis of Sikkim University and Delhi University during 2020-2021
- Prof. Swatahsiddha Sarkar has published an Op-Ed in *The Hindu* (June 29, 2020) entitled “In border claims, reimagining South Asia’s boundaries”

CENTRE FOR STUDIES IN LOCAL LANGUAGES AND CULTURES

About the Centre:

The Centre for Studies in Local Languages and Cultures was established in May 2001 by the University of North Bengal with the broad aim to capture and highlight the spectrum of plurality and richness of the ethnic languages and culture of North Bengal and in the process to become a platform for study and research.

North Bengal offers a scenario of immense diversity of cultures, ethnicities, languages and histories, existing here over a very long stretch of time. There was a strong demand that the University should take effective steps to preserve and conserve this heritage as well as initiate research into the various languages and cultures of the region. It was also felt to be an imperative to promote interaction with the people and artists of the various ethno-linguistic communities of the vast cultural terrain. To meet these basic objectives, the Centre for Studies in Local Languages and Cultures was set-up at the University of North Bengal in 2001.

The Centre carries out research and field work on the local language of the region, while the folk cultural side consisting of folklore, folk arts, folk crafts, rituals, festivals, folk tales, folk dramas, proverbs, and so on are taken care of by the cultural unit of the Centre. The Centre has been actively organizing cultural meets, seminars, workshops, special lectures and hands on training to promote various ethno-linguistic communities of the massive cultural topography.

Faculty Details:

Name	Qualification	Designation	Email
Dr. Koushik Joardar	M.A, Ph. D	Director	koushikjrdr@gmail.com

Details of Non-Teaching Staff:

Name	Qualification	Designation
Jolly Majumdar	MA, BLIS, BCA	Project Assistant
Chandan Mallick	Madhyamik	Peon

Details of Seminars/Conferences/Webinar Organized:

Name of the Seminar/Conference/ Webinar	Date	No. of Participants	Expenditure (Rs.)
Webinar on Culture and Social Relations	24.11.2020	50	8,000
Workshop on Dhimal Language (Bhasa Porichoy Series-1)	15-17.01.2021	20	25,000

Name of the Seminar/Conference/ Webinar	Date	No. of Participants	Expenditure (Rs.)
A Special Lecture by Prof, Ananda Mitra, Wake Forest University, USA	03.02.2021	50	2,000
Kobi o Kobita, jointly organized by Philosophy, CSLLC	18.03.2021	80	30,630
Thakur Panchanan Barma Memorial Lecture (online)	25.03.2021	50	15,100

Publications:

Name of the Author	Publication Details	Year
Editors: Dr. Koushik Joarder and Prof. Dipak Dumar Roy	Dhimal Language (Bhasa Porichoy Series-1) Book	2021
Prof. Dipak Dumar Roy	Tarai Anchaloer lokosanskriti	2020
Dr. Dahlia Bhattacharya	The Dhimal of Sub-Himalayan Bengal: A Socio Economic and Cultural Study of the Community	2020

CENTRE FOR WOMEN'S STUDIES

About the Centre:

The Centre demonstrates a mastery of the subject by detailed engagement with evolution, development, and current practices in the field of Women's Studies. The guest teachers on the teaching panel have international publications and visits to their credit. Some of them are engaged in collaborative work with the university and in projects in universities abroad. The Centre aims to produce a regular output of brilliant students and researchers.

The curriculum covers specialized knowledge about Conceptualizing Women's Studies and Research, gain exposure to Women's Methodology and Pedagogy, understanding of Feminist Theories, knowledge about Women's Rights and Law.

Course Offered:

- M. A. in Women's Studies

Faculty Details:

Name	Qualification	Designation	Email
Prof. Debika Saha	M.A, Ph. D	Director, till 1 st November, 2020	sahadebika@yahoo.com
Dr. Zinia Mitra	M.A, Ph. D	Director, since 2 nd November, 2020	ziniamitra@nbu.ac.in
Dr Beethika Moni Dutta	M.Sc. Ph. D	Assistant Professor	beethicws@yahoo.co.in

Details of Non-Teaching Staff:

Name	Qualification	Designation
Asit Singha	Madhyamik	Peon

Details of Seminars/Conferences/Webinar Organized:

Name of the Seminar/Conference/ Webinar	Date	No. of Participants	Expenditure (Rs.)
ICSSR sponsored National Webinar on Adjusting to the New Normal: Women's Perspectives, organised by the Department in collaboration	21-22.07.2020	300	50,000/-

Name of the Seminar/Conference/ Webinar	Date	No. of Participants	Expenditure (Rs.)
with Hiralal Majumder Memorial College for Women, Kolkata, West Bengal			
UGC sponsored International Webinar on Gender and Development: Some emerging issues (In recent pandemic situation), organised by the Department in collaboration with Women's Studies Cell, COP Cooch Behar College	21.07.2020	50	NA
<i>SCHOLARS' MEET</i> , organised by the Department in collaboration with <i>SCHOOL OF WOMEN'S STUDIES, JADAVPUR UNIVERSITY</i>	5-6.09.2020	50	NA
International Women's Day. Theme #ChooseToChallenge	08.03.2021	50	3,750
Webinar on Women and Mental Health: Issues and Challenges	24.03.2021	50	3,000

Publications:

Name of the Author	Details of Journal	Year
Zinia Mitra and Beethika Moni Dutta	<i>Journal of Women's Studies</i> , Vol. XI	2020

FISHERIES RESEARCH AND TRAINING CENTRE

About the Centre:

Fisheries Research and Training Centre of Department of Zoology, University of North Bengal has mandate of research, training and extension in different aspects of freshwater aquaculture in North Bengal region including Darjeeling hills. The Centre has eleven numbers of ponds of assorted types namely nursery, rearing and stocking occupying an area of 1.5 ha. The ponds are located in the University campus alongside the flowing Magurmari river. The Centre has also facilities like onsite Field Laboratory having the facility for research and training, extended aquaculture unit with cemented and Fibreglass Reinforced Plastic tanks of varying shape and size and a circular eco-hatchery.

The concept of the Centre was initiated in 1994 under funding support from 'Jawahar Rojgar Yojna' and routed through the Department of Fisheries, Government of West Bengal and Siliguri Mahakuma Parisad. After the successful completion of the construction of the ponds of different categories and a Field Laboratory, the Centre was inaugurated in 1998.

Presently one pond is being maintained for rearing the Indian Major Carps viz. *Catla catla* (Catla) to carry out current research work on the somatic growth and reproduction in carps. In addition to the *Catla catla*, the rearing of *Labeo rohita* (Rohu), *Cirrhinus mrigala* (Mrigala), *Danio rerio* (Zebrafish), *Puntius sp.* (Punti) are also being maintained simultaneously for time to time research aptitude. The other two stocking ponds primarily shelter the air-breathing fishes viz., *Heteropneustes fossilis* (Singhi), *Clarias batrachus* (Magur), etc. Besides, all the ponds are also house various kinds of phytoplankton and zooplankton, which serve the natural food for fish, and serve as a vital component of the pond ecosystem in maintaining primary productivity.

Research Focus:

- Survey and study of Ichthyofaunal diversity of Rivers of Eastern Himalaya hills and Terai region of West Bengal
- Production of fish food organisms and study of nutrient requirements of indigenous hill stream fish for their propagation
- Captive breeding and rearing of some indigenous and exotic ornamental fishes
- Formulation of probiotics for Indian Major & Minor Carps

Activities of the Centre:

- To augment fish seed and fish production using modern technology through its retained derelict water areas

- To create a durable asset, capable of generating future employment opportunity for the small and marginal farmers in aquaculture. In doing so, the fish farmers of the area get the counseling benefit of soil and water quality of tanks and ponds
- To produce table sized fish; propagate endangered species of fish (edible and ornamental) of Darjeeling hills and Terai region
- To undertake biotechnological investigations on the low cost fish food production using simple techniques benefitting the ecological conditions of North Bengal and the small to marginal fish farmers

HIGH ENERGY & COSMIC RAY RESEARCH CENTRE

About the Centre:

The Centre was established jointly by the University Grants Commission and the Government of West Bengal in 1991 under the program “Improvement of Research in the Universities”. The Centre is engaged in theoretical as well as experimental advanced research in different branches of High Energy Astrophysics and Astroparticles including Cosmic Rays. The Centre has expertise on cosmic rays and Monte Carlo Simulation study of cosmic ray air shower which is globally recognized by the experts in the field. Research Scholars from different universities and even premier Research Institute of the Country visited the Centre to get training on the mentioned subjects.

Research Focus:

- Astroparticle Physics
- High energy astronomy
- General Relativity
- Optical Astronomy
- Stellar Data Analysis
- Computational Physics

Details of the Officers:

Name	Qualification	Designation	Email
Dr. Arunava Bhadra	Ph. D.	Principal Research Physicist	abhadra@nbu.ac.in
Shri Arindam Mukherjee	M. Sc.	Principal Research Officer	am.hecrcc@nbu.ac.in
Dr. Tamal Sarkar	Ph. D.	Scientific Research Officer Gr II & Director (w.e.f. 9.1.2020). Development Officer (Additional Charge from May, 2019)	tsarkar@nbu.ac.in

Details of Non-Teaching Staff:

Name	Designation
Sadhan Paul	Helper Gr. - II

Details of Research Scholars:

Name	Supervisor	Co-Supervisor	Gender
Arundhati Chakraborty	Dr. S. K. Sarkar	A. Bhadra	Female
Samrat Ghosh	Prof. A. Mukhopadhyay	A. Bhadra	Male

Details of Online Special Lectures Organized:

Title of the Lecture	Delivered by	Date
Low dimensional material for Space Technology Application	Dr. Amretashis Sengupta, <i>SERB Research Scientist,</i> University of North Bengal	22.12.2020
Intriguing Physics of plasma confined by a dipole magnet: from colossal planetary magnetosphere to a table top plasma device	Prof. Sudeep Bhattacharjee, Department of Physics, Indian Institute of Technology, Kanpur	28.11.2020
On a quantum topic whose description is yet to be collapsed or determined	Arindam Mukherjee, University of North Bengal	09.10.2020
Spectral and Temporal properties of Black Hole sources in the X-Ray regime	Dr Broja Gopal Dutta, Associate Professor, Rishi Bankim Chandra College, Kolkata	26.09.2020
A general discussion entitled Issues on dark matter, Moderator: Dr. Arunava Bhadra	Samrat Ghosh, PhD Student, University of North Bengal	13.09.2020
Optical Polarimetry	Dr Jyotirmay Paul, IUCAA, Pune	30.08.2020
Research during Covid-19 pandemic period	Dr Arunava Bhadra, University of North Bengal	20.08.2020
Do we really live in an accelerating universe?	Dr Souvik Ghose, University of North Bengal	16.08.2020
A search for pulsars with uGMRT	Dr Biplab Bijoy, PDF, NCRA, Pune	02.08.2020
Signature of Synchrotron radiation from High Energy Astrophysical Sources	Dr Tamal Sarkar, University of North Bengal	19.07.2020

Details of Seminar/Conferences /Webinar/Training Attended by Faculty:

Details of the Seminars/Conferences/Training	Date
Dr. Tamal Sarkar	
Hands-on-Activity Based International Virtual workshop on “Art of Writing Research Articles: Tools & Techniques” organized jointly by IISRR, Kolkata & Maulana Azad National Urdu University, Hyderabad	17- 24.03.2021
Science Leadership Workshop organized by Central University of Punjab, Bathinda	22- 28.06.2020

Details of the Seminars/Conferences/Training	Date
National Webinar on Viswa- Bharati Library Network	16-18,22-27 & 29 June, 2020
Online Workshop on Evidence Based Teaching and Learning Strategies in Higher Education, organized by CREATES, IISER Bhopal under PMMMMNMTT of MHRD	13-15.07.2020
Introductory Online Seminar on Astrophysics and Cosmology, organized by ICARD & Department of Physics, North Bengal University	16.09.2020
National Wbinar on Recent Advances in Astrophysics and Cosmology, organized by ICARD & Department of Physics, North Bengal University	24-25.03.2021
Awareness Quiz on COVID-19, organised by Department of Chemistry and NSS unit-11, Tufanganj Mahavidyalaya, Cooch Behar	27.04.2020
Spitting Kills, organised by Narayana Super Specialty Hospital	April-May, 2020
COVID-19: Challenge and Opportunity, organised by Kashipur Michael Madhusudan Mahavidyalaya, Purulia	05.05.2020
COVID-19 Awareness and Education programme, organised by NSS, Jadavpur University	16.05.2020
The New Normal in education, organised by IQAC, Saint Albert's College, Kochi	23.05.2020
The Role of HR Analytics Leader: driving Productivity & Experience, organised by Department of Management, University of North Bengal	30.5.2020
Looking Ahead: Leading and Inspiring through Uncertain Times, organised by IQAC, Saint Albert's College, Kochi	18.06.2020
Publishing Ethics: The role of Publishers, Journals, Researchers and Institutions, organised by Springer Nature in collaboration with INFLIBNET Centre, India	25.06.2020
Online lecture Series: Waves Optics-II by Prof Rajaram Nityananda- Former Director of NCRA, Pune, organised by Indian Association of Physics Teachers and Delhi State Science Teacher's Forum	11.07.2020

Details of the Seminars/Conferences/Training	Date
Online lecture Series: Electrostatics-I, Prof H.S. Mani- Former Director of HCRI, Prayagraj (Allahabad), organised by Indian Association of Physics Teachers and Delhi State Science Teacher's Forum	18.07.2020
Online lecture Series: Electrostatics-II, Prof H.S. Mani- Former Director of HCRI, Prayagraj (Allahabad), organised by Indian Association of Physics Teachers and Delhi State Science Teacher's Forum	25.07.2020
Online lecture Series: Magnetism and Matter, Prof Dipan Ghosh- Former Professor in Physics, IIT Bombay, organised by Indian Association of Physics Teachers and Delhi State Science Teacher's Forum	01.08.2020
Online lecture Series: Surprises in Elementary Physics, Prof Vijay A. Singh Former Professor in Physics, IIT Kanpur, organised by Indian Association of Physics Teachers and Delhi State Science Teacher's Forum	06.08.2020
Cyber Ethics and Youth Relationships, organised by Saint Albert's College, Kochi	13.07.2020
Exploratory Analysis and Visualization of Text Data for Research using Open Source Tools, organised by Central University, Manipur	21.09.2020
National Education Policy 2020-Impact on Higher Education, organised by Centre for Educational and Social Studies (CESS), Bengaluru	22.09.2020
Discovery Service: A Single Gateway to Library, organised by Central University, Manipur	16.10.2020
Cyber Shikshak- a cyber-security Awareness Training Programme, organised by Cyber Security Centre of Excellence, West Bengal	17.03.2021

Professional / Faculty Development Programme Completed:

Professional Body / Agency	Name of the FDP/Course	Duration
Dr. Tamal Sarkar		
Indian Institute of Technology Roorkee, under NPTEL	Introduction to Atmospheric and Space Science	Jan-Apr 2020
Department of Physics, Bodoland university	Short Term Online Course on Computational Physics	12-18 May, 2020

Professional Body / Agency	Name of the FDP/Course	Duration
IQAC & Department of Chemistry, Basanti Devi College	E-Short Term Course, Earth: Our Home	05-11 June, 2020
John Hopkins University under COURSERA	COVID-19 Contact tracing	June 2020
Teaching Learning Centre of IUCAA under PMMMNMTT of MHRD	Refresher Course on Astronomy and Astrophysics 2020 (Via online)	May to June, 2020

Publications:

Name of the Author(s)	Details of Book/Journal/Volume	Year
Rajat K. Dey, Animesh Basak, Sabyasachi Ray, Tamal Sarkar	Newly Born Extragalactic Millisecond Pulsars as Efficient Emitters of PeV Neutrinos, <i>Brazilian Journal of Physics</i> , Vol. 51, pp. 1406–1415	2021
Tamal Sarkar	<ul style="list-style-type: none"> E-Waste threat and solution to the impending e-waste threat in India with special reference to West Bengal, <i>ISRR- International Journal of Research</i>, 7(II):131, ISSN 2394-885X 	2021
Tamal Sarkar	Spectral and Timing Analysis of Radio Quiet X-Ray source 1E 161348-5055.1 using XMM Newton Mission, <i>Journal of Physics Research and Education</i> , Vol.1, No.1, pp 75 - 96	2021
Rajat K Dey and Tamal Sarkar	TeV-PeV energy neutrinos and gamma rays from extragalactic milli-second pulsars, <i>Journal of Physics Research and Education</i> , Vol. 1, No. 1, pp. 107 -122	2021
Prabir Banik, Arunava Bhadra, Abhijit Bhattacharyya	Interpreting correlated observations of cosmic rays and gamma-rays from Centaurus A with a proton blazar inspired model, <i>Monthly Notices of the Royal Astronomical Society</i> , Vol. 500, Issue 1, pp. 1087-1094	2021
Ghosh, Samrat; Bhadra, Arunava; Mukhopadhyay, Amitabha	Gravitational lensing study of cold dark matter-led galactic halo, <i>International Journal of Modern Physics</i> , Vol. 3	2021
Sarkar, Kabita; Ghosh, Samrat; Bhadra, Arunava; Mukhopadhyay, Amitabha	Test of global monopole based alternative dark matter model from gravitational lensing studies, <i>Classical and Quantum Gravity</i> , 38 135013	2021
Bhadra, Arunava; Mukherjee, Arindam; Sarkar, Kabita	<ul style="list-style-type: none"> Impact of population density on Covid-19 infected and mortality rate in India, <i>Modeling Earth</i> 	2020

Name of the Author(s)	Details of Book/Journal/Volume	Year
	<i>Systems and Environment</i> , DOI: 10.1007/s40808-020-00984-7	
Prabir Banik, Arunava Bhadra, Madhurima Pandey, and Debasish Majumdar,	Implications of a proton blazar inspired model on correlated observations of neutrinos with gamma-ray flaring blazars, <i>Phys. Rev. D</i> 101, 063024	2020
A Bhadra, P Banik, I. Ghosh, P. Ghosh and K Sarkar	A proposed strategy to reduce SARS-COV-2 infection possibility, <i>OSF Preprints</i> , DOI: 10.31219/osf.io/tfuqr	2020

Research Projects Details:

Title of the Project	PI	Sponsored by	Year of Sanction	Duration	Budget (Rs.)
Influence of Dark sector on local dynamics and kinematics	Dr. Arunava Bhadra	SERB, GoI	2020	3 years	19,42,231

News and Events:

- Dr. Tamal Sarkar assumed the chair of Director of the Centre for the period of two years with effect from 9.1.2020
- Apart from the regular activities, Dr Tamal Sarkar of the Centre shouldered additional charge of the Development Officer with effect from 21.05.2019.
- Dr. Arunava Bhadra nominated as the Chairman of the Committee for conducting Physics Classes at the Undergraduate Level
- Dr. T. Sarkar acted as Guest faculty to teach Basic Physics course for M.Sc. Bio-Technology, Department of Bio-Technology, University of North Bengal
- Dr. T. Sarkar and Mr A. Mukherjee acted as Faculty for BSc General Physics Course offered by NBU to Geology (Hons) UG student
- Dr Tamal Sarkar was selected as Visiting Associate for three years from August 1, 2019, under the Associateship Programme of IUCAA.
- Mr Arindam Mukherjee and Tamal Sarkar acted as a content developer for the astronomy site ‘CRAGA’
- On 21st December 2020, the Centre conducted one observation event to view the Great Conjunction of Jupiter and Saturn at the rooftop of the Department of Biotechnology, NBU.

Several PG students including faculties took the opportunity to observe the live event. The program was coordinated by Mr. A. Mukherjee of the Centre as Event Director.

- Dr. Amretashis Sengupta was invited to the Technical Program Committee of IEEE Nanotechnology Materials and Devices Conference (NMDC) – 2020, Nanjing, PRC.
- Dr. Amretashis Sengupta was invited to the International Advisory Committee for the 4th IEEE International Conference 2021 on Devices for Integrated Circuit (DevIC-2021), held at Kalyani Government Engineering College in March 2021.

IUCAA CENTRE FOR ASTRONOMY RESEARCH & DEVELOPMENT

About the Centre:

The Inter-University Centre for Astronomy and Astrophysics (IUCAA) is an autonomous institution set up by the UGC to promote the nucleation and growth of active groups in astronomy and astrophysics at Indian universities. IUCAA aims to be a centre of excellence within the university sector for teaching, research and development in astronomy and astrophysics. For the last three decades, IUCAA has been promoting Astronomy and Astrophysics in Universities and Colleges across the country. Since its inception in 1988, it has become the nodal agency for research, teaching and science popularization activities in the country in the field of Astronomy & Astrophysics and allied fields.

IUCAA has set up six Reference Centers (IRC) in India with an aim to provide some basic facilities to university or college teachers and students in different regions for working in projects related to Astronomy & Astrophysics. IRCs provide up to date modern computing facilities, books and necessary software which are utilized by the students and researchers of the nearby region.

IRC at the University of North Bengal is one of such Centre started functioning from July 31, 1999. Thereafter IRC Data Centre was inaugurated on February 21, 2011. Recently, the name of IRC is changed to IUCAA Centre for Astronomy Research and Development (ICARD) which is housed at the Department of Physics, NBU with effect from 31st March, 2019. To meet the goal, the Centre strives to become an active center for Astronomy research & development through Astronomy teaching, promoting research and getting involved in public outreach program.

Presently, ICARD NBU is one of the seventeen ICARDs established by the IUCAA and thrives to become much enhanced Astronomy activities in West Bengal and North Eastern India.

Functions of the Centre:

- To contribute to develop innovative teaching methods designed for Astronomy. This includes development of up to date course structures and new kinds of experiment/data analysis sessions which can be a part of a starting or existing Astronomy course in a University.
- To hold frequent workshops/schools/meetings at various levels at the University/College and at nearby regions.
- To have an active public outreach program for Astronomy.
- To be visiting Centre where nearby Astronomers can visit.

Research Focus:

- Relativistic Cosmology
- Relativistic Astrophysics
- Compact Objects
- X-Ray Sources and Pulsars
- Non-linear Dynamics
- Black holes and Wormholes

Centre Coordinator:

Name	Qualification	Email
Prof. Bikash Chandra Paul	Ph. D.	bcpaul@nbu.ac.in

Activities of the Centre in 2020-21:**Visitors Program**

The ICARD, NBU has a vibrant visiting program. A number of college, university and institutes faculties visit ICARD, NBU for collaborative research work. A total of 80 virtual visitor programs were conducted by the Centre in 2021.

Details of Seminars/Conferences/Webinar Organized:

Name of the Seminar/Conference/ Webinar	Date
Recent Advances in Astrophysics and Cosmology	24 – 25.03.2021

CHAPTER – V
DISTANCE EDUCATION

DIRECTORATE OF DISTANCE EDUCATION

About the Directorate:

The University of North Bengal is recognized by the UGC under Section 2 (f) and 12 (B) of its Act and is accredited by the NAAC. The Directorate of Distance Education (DDE) of NBU is recognized and accredited by the Distance Education Bureau, UGC, New Delhi.

The University of North Bengal, through Directorate of Distance Education, provides quality undergraduate and post graduate in various subjects. These courses can be taken by students of any location and age in the comfort of their home.

Courses Offered:

- B.A.
- B.Com.
- M. A. in Bengali
- M. A. in English
- M. A. in History
- M. A. in Nepali
- M. A. in Philosophy
- M. A. in Political Science
- M. A./M. Sc. in Mathematics

Student Strength (2020 – 21):

Course	Male	Female	Total	SC	ST	OBC-A	OBC-B	PH	Gen
P.G.	446	1259	1705	516	200	120	290	07	711
U.G.	25	13	38	14	02	02	04	00	16

Faculty Details:

Name	Qualification	Designation	Email
Subject: English			
Dr. Priyanka Chatterjee	M.A., Ph.D	Asst. Professor	site_ddenbu@nbu.ac.in
Subject: Bengali			
Dr. Nandita Mondal	M.A., Ph.D	Asst. Professor	dde.nandita@nbu.ac.in
Ms. Nabanita Pramanik	M.A., NET	Asst. Professor	nabanita@nbu.ac.in

Name	Qualification	Designation	Email
Subject: Nepali			
Mr. Bikram Biswakarma	M.A. NET	Asst. Professor	bikramdalsing@nbu.ac.in
Mr. Birendra Chhetri	M.A. NET	Asst. Professor	birendra@nbu.ac.in
Subject: History			
Mr. Manoranjan Sarkar	M.A. NET	Asst. Professor	monoranjanodb04@nbu.ac.in
Mr. Abhishek Poddar	M.A. NET	Asst. Professor	abhisek@nbu.ac.in
Subject: Philosophy			
Dr. Juhi Routh	M.A. Ph.D	Asst. Professor	juhirouth@nbu.ac.in
Ms. Reshmee Sarkar	M.A. NET	Asst. Professor	reshmeenil2015@nbu.ac.in
Subject: Political Science			
Dr. Anindya Guha	M.A. Ph.D	Asst. Professor	anindyaguha2011@gmail.com
Dr. Bimalendu Bhaumik	M.A. Ph.D	Asst. Professor	bimalendubhaumik25@gmail.com
Subject: Mathematics			
Mr. Jayanta Roy	M.Sc. NET	Asst. Professor	jayanta2017math@nbu.ac.in
Subject: Commerce			
Mr. Parijat Nath	M.A. NET	Asst. Professor	dde_parijat@nbu.ac.in
Ms. Soumili Bishnu	M.A. NET	Asst. Professor	dde_soumili@nbu.ac.in

Details of Non-Teaching Staff:

Name	Qualification	Designation	Email
Mr. Raju Roy	MBA, NET	Director-in-Charge	ddedydirector001@gmail.com
Dr. Debabrata Deb	M.Sc., Ph.D	Assistant Director	asstdirector@nbu.ac.in
Ms. Chirashree Majumdar	M..A	DLF	chirasree@rediffmail.com
Mr. Pratap Kanungoe	B.Com.	Accountant	kanun.goe@rediffmail.com
Mr. Ujjal Sarkar	M.A.	Office Assistant Cum Computer Operator	ujjal2112sarkar@gmail.com
Mr. Ranjit Singha	M.A.	Office Assistant	ranjisingha@9gmail.com
Ms. Joyita Neogi	M.A.	Office Assistant	jhumarayan@gamil.com
Md.Sahidul	M.P.	Office Attendant	md_sahidul82@yahoo.com

Name	Qualification	Designation	Email
Mr. Biman Ranjan Roy	VIII	Office Attendant	bimanranjanr@gmail.com
Mr. Pravat Kumar Yadav	M.A.	Office Assistant (Daily Wage)	pravmy.net@gmail.com
Ms. Ruma Roy	M.A.	Office Assistant (Daily Wage)	rumaroy873@gmail.com
Mr. Dinesh Saha	M.P.	Library Attendant (Daily Wage)	dineshsaha0802@gmail.com
Mr. Ankur Das	M.P.	Library Attendant (Daily Wage)	das789125@gmail.com
Mr. Laban Kishan Mallick	VIII	Sweeper (Daily Wage)	

Publications:

Author(s)	Publication Details	Year
Debomalya Ghose and Raju Roy	ISO 9001 based Quality Management System's Understanding in selected Non-Certified West Bengal, India Organizations, <i>Journal of Critical Reviews</i> , DOI: 10.31838/jcr.07.06.131	2020
	The Quality Management System implemented in select certified organisation in West Bengal, India: currarent status and the tendency, <i>The International Journal of Analytical and Experimental Model Analysis</i>	2020
Juhi Routh	Importance of regeneration India and participation of Women to build ideal society according to M.K Gandhi, <i>International Journal of Advance Research and Innovative Ideas in Education</i> , Vol. VII, Issue 1	2021
Jayanta Roy and D C Pramanik	Uniqueness of meromorphic functions sharing a set of roots of unity, <i>Journal of Indian Mathematical Society</i> , Vol. 87, No. 3-4, pp. 206-218	2020
	Uniqueness of $p(f)$ and $P[f]$ concerning weakly weighted-sharing, <i>General Mathematics</i> , Vol. 28(1), pp. 11-24	2020
	Uniqueness of homogeneous differential polynomials of meromorphic functions concerning weakly weighted sharing, <i>Journal of Classical Analysis</i> , Vol. 16, No. 1, pp. 23-35	2020
	Uniqueness of differential polynomials of a meromorphic function concerning weighted sharing <i>Math. Student</i> , Vol. 89, No. 3-4, pp. 1-17	2020

Author(s)	Publication Details	Year
	The Growth of Solutions of Some Non-linear Complex Differential Equations, The Korean Journal of Mathematics, Vol. 28(2), pp. 295-309	2020
	Uniqueness of meromorphic functions sharing values with their n-th derivatives Electron. J. Math. Anal. Appl., Vol. 9 (1), pp. 191-200	2021
	Weighted sharing and uniqueness of homogeneous differential polynomials of meromorphic functions, Southeast Asian Bull. Math., Vol. 45(2), pp.227--240	2021
Bimalendu Nath	Corruption and Connection: Dual Administrative Epidemic Ailing India's Sevottam Dream, NAM Today, pp. 40	2020
Bhoumik	Sri Aurobindo Ghosh: A Survey, Book: A Greater Dawn	2021

CHAPTER – VI
UGC SPONSORED CENTRES

INTERNAL QUALITY ASSURANCE CELL (IQAC)

About the Cell:

The Office of the Internal Quality Assurance Cell (IQAC) of University of North Bengal was established on 10th July 2003. At present, the Cell has fourteen members with the Vice-Chancellor as the Chairperson and the Director as the Coordinator of IQAC.

One of the important functions of IQAC is to develop realistic and attainable quality bench marks for each of the academic and administrative activities. One of the most critical functioning of IQAC is to keep the institution abreast of and abuzz with quality sustenance activities on a wide gamut of pertinent issues.

Composition of IQAC:

1	Dr. Subires Bhattacharyya, Hon'ble Vice Chancellor, NBU	Chairperson
2	The Dean, Faculty Council for PG Studies in ACL, NBU	Member
3	The Dean, Faculty Council for PG Studies in Science, NBU	Member
4	Prof. Suparna De Sarkar, Dept. of Mathematics, NBU	Member
5	Prof. Pranab Ghosh, Dept. of Chemistry, NBU	Member
6	Prof. Subir Sarkar, Dept. of Geography & Applied Geography, NBU	Member
7	Prof. Ranjita Chakraborty, Dept. of Political Science, NBU	Member
8	Prof. Mohan Prasad Dahal, Dept. of Nepali, NBU	Member
9	Prof. Anirban Misra, Dept. of Chemistry, NBU	Member
10	Registrar, NBU	Member
11	Swami Atmapriyananda, Vice Chancellor, Ramakrishna Mission Vivekananda University, Howrah	Member
12	Dr. Indrila Guha, Principal, Basanti Devi College, Kolkata	Member
13	Sri Harshavardhan Neotia, Chairman, Ambuja Neotia Group	Member
14	Sri Goutam Deb, Minister-in-Charge, Dept. of Tourism, Govt. of WB	Member
15	Prof. Soumitra De, Dept. of Political Science, NBU	Director

IQAC is supported by the following Administrative Staff -

- Shri Nilkantha Biswas
- Shri Jyotirmoy Biswas

Major Activities & Quality Initiatives (2020-21)

- IQAC in a move to clear all backlog candidates for PhD registration recommended calculation of the period of active research work from the date of admission in PhD Course Work / MPhil Programme. It was also recommended that for old cases the total period of 6 years will be calculated from the date of completion of the Course on RPE. The recommendation was accepted
- IQAC prepared and uploaded the thesis guide
- Due to Covid-19 IQAC took online feedback on quality matters from students and faculties.
- Students Mentorship was redesigned
- Outcome based academic programmes was completed
- Self-Study Report was prepared for validation

UGC - HUMAN RESOURCE DEVELOPMENT CENTRE

About the Centre:

If education is the key to bring social and economic transformation, then transformative and innovative approaches in the field of higher education are considered as the precursor to this process. Keeping this objective in mind, the UGC took the initiative to set up Academic Staff Colleges in some selected universities in the country. In 2015, the ambit of Academic Staff College had further been extended and became the Human Resource Development Centre. The UGC-Human Resource Development Centre, University of North Bengal, began its journey in November 2009, then known as UGC-Academic Staff College.

The UGC-HRDC, NBU is located in Siliguri, at the foothills of the Himalayas, the gateway to the North East. It attracts participants of diverse cultural backgrounds from all over the country and strives to create a conducive environment for their development. Adding to that, the Centre has an independent guest house where the participants, while taking part in various courses, can stay comfortably. The pleasant weather and absolute greenery of the campus of the University of North Bengal make the entire experience very enjoyable. The UGC-HRDC, NBU since its inception has conducted many Refresher Courses, Orientation Programmes and Workshops with paramount success.

The facilities at UGC-HRDC-NBU include three air-conditioned smart lecture rooms to supplement the hybrid-mode of the teaching-learning process. A state-of-the-art seminar hall cum computer laboratory facilitates to carry on hands-on training programmes. The participants can access around 2500 books at HRDC, and they get the opportunity to use the books, e-books, journals and virtual resources available at the Central Library of the University. A well-equipped library and Computer Lab. Are serving the purpose of the College / University teachers, Principals, non-teaching staff, Research Scholars etc. A smart classroom has been set-up under financial support from RUSA.

Faculty Details:

Name	Designation	Email
Dr. Anjan Chakrabarti	Professor-Director	dirhrdc@nbu.ac.in
Dr. Sanjib Bhattacharya	Associate Professor-Deputy Director	ddirhrdc@nbu.ac.in
Dr. Mossaraf Hossain	Assistant Professor-Assistant Director	adirhrdc@nbu.ac.in

Details of Non-Teaching Staff:

Name	Qualification
Sanjoy Roy Hakim	Jr. Peon

Name	Qualification
Pankaj Mandal	Office Assistant (Casual)
Bikram Roy	Peon (Casual)
Alokananda Chaudhury	Hostel Attendant (Casual)
Sanjit Kumar Mallik	Sweeper (Casual)

Programs Conducted:

Course Type	Subject/Details	Duration from	No. of Participants
Refresher Course	Law	24.11.2020 - 07.12.2020	41
Refresher Course	Nepali	05.01.2021 - 18.01.2021	33
Refresher Course	Mathematics	08.01.2021 - 21.01.2021	48
Refresher Course	Women's Studies	12.01.2021 - 25.01.2021	49
Refresher Course	Chemistry	11.02.2021 - 24.02.2021	32
Refresher Course	English	12.02.2021 - 25.02.2021	46
Refresher Course	Library & Information Sc.	02.03.2021 - 15.03.2021	42
Refresher Course	Life Sciences	03.03.2021 - 16.03.2021	50
Refresher Course	Political Science	04.03.2021 - 17.03.2021	45
Short-term Course	Research Methodology	26.11.2020 - 02.12.2020	36
Short-term Course	Disaster Management	09.03.2021 - 15.03.2021	29
Short-term Course	Workshop on MOOCS	11.03.2021 - 17.03.2021	28
1 st Faculty Induction Program	-	23.11.2020 - 22.12.2020	49
2 nd Faculty Induction Program	-	25.11.2020 - 24.12.2020	50
3 rd Faculty Induction Program	-	04.01.2021 - 02.02.2021	49
4 th Faculty Induction Program	-	04.02.2021 - 05.03.2021	47

Details of the Seminar/Conference Attended and Lecture Delivered:

Name	Details of the Seminar/Conference/Lecture	Date
Dr. Anjan Chakrabarti	Invited lectures as invited resource person in Refresher Course in Economics, organized by the UGC-Human Resource Development Centre, Kumayun University, Nainital	05.03.2021

Name	Details of the Seminar/Conference/Lecture	Date
	Invited lectures as invited resource person in Faculty Induction Programme, organised by the UGC-Human Resource Development Centre, Kumayun University, Nainital	03.12.2020
	Lecture in ICSSR sponsored Online Workshop on Research Methodology and Quantitative Techniques in Social Sciences and Humanities, organized by Centre for Studies in Human Development, Assam University	11.01.2021

Publications:

Author(s)	Details of the Publication	Year
Chakrabarti, A; Chaudhuri, R & Chatterjee A	Polyandry Amidst the Dominance of Monogamy: An Exploratory Model with Reference to Sikkim, India, <i>International Journal of Sociology of the Family</i> , Vol. 46-47, No. 1-2, pp. 60-79	2021
Chakrabarti, A	Mapping the Development Paradigm of Northeast India from ancient past to present in the realm of Political History and Economy, Book: <i>Theory, Policy, Practice, Development and Discontent in India</i> , Eds. Suman Nath and Debraj Bhattacharya, pp. 80-98, Routledge, UK/India (Taylor & Francis Group) [eISBN: 9781003159940]	2021
Chakrabarti, A	COVID-19 Pandemic: Need to Revisit Economic Reforms in India, Book: <i>COVID-19 Pandemic Global Power Struggle & Indian Foreign Policy</i> , Eds. Gouri Shankar Nag, Gargi Nag and Manas Mukul Bandopadhyay, Palm View Books, Gurgaon, pp. 171-186 [ISBN: 978-81-943513-3-7]	2020
Chakrabarti, A & Chaudhuri R	Livelihood, Sustainable Development, Conflict between Formal Institution and Communal Governance with Special Reference to the Pastoral Community of Lachung Valley: An Evaluative Note on the East Himalayan State of Sikkim, India, Book: <i>Multi-Disciplinary Approach towards Sustainable Development</i> , Eds. Pankaj Srivastava, Jayashree Dubey and Dharmendra Hota, Indian Institute of Forest Management, Bhopal and Bookwell, New Delhi, pp. 1-7 [ISBN: 978-93-86578-49-5]	2020
Bhattacharya, S	AC conductivity behaviour and charge carrier concentrations of some vanadate glassy system, <i>Physics Letters A</i> , Vol. 384, Issue 16, IF 2.654	2020

Author(s)	Details of the Publication	Year
Acharya A, Bhattacharya K, Ghosh C K and Bhattacharya S	Microstructures and charge carrier transport of some Li ₂ O doped glassy ceramics, <i>Materials Letters</i> , Vol. 265, 127438, IF 3.423	2020
Ojha S, Roy M, Chamuah A, Bhattacharya K and Bhattacharya S	Transport phenomena of Cu–S–Te chalcogenide nanocomposites: frequency response and AC conductivity, <i>Physical Chemistry Chemical Physics</i> , Vol. 22, Issue 42, IF 3.676	2020

Research Projects Details:

Title of the Project	PI	Project Duration	Sponsored by	Year of Sanction	Budget (Rs.)
Relaxation Dynamics of Lithium Ion Conducting Glass-Ceramics	Dr. Sanjib Bhattacharya	3 years	CSIR	2017	11, 23, 419
Investigations of Electrical and Dielectric Properties of Chalcogenide Glassy Alloys	Dr. Sanjib Bhattacharya	3 years	SERB	2019	33,55,520

CHAPTER – VII
CENTRAL FACILITIES

AKSHAYA KUMAR MAITREYA HERITAGE MUSEUM

About the Museum:

The Akshaya Kumar Maitreya Heritage (A.K.M.H.) Museum which had a humble beginning in 1962. It was initially developed from the generous presentation from persons like Nirmal Chandra Chowdhury and Santipriya Raychaudhuri who contributed their lifelong collections to the University to the cause of scholarship. The faculty members of the Department of History, North Bengal University helped in the organization with unrelenting attention for its development. However, only in February 1965 was it partially opened for inquisitive public exclusively, those who were genuinely interested in some kind of historical research.

The Museum was opened to general public on 28th December, 2006 when it was shifted to new building, and formally inaugurated by the then Chief Minister of West Bengal. The Museum has become the repository of the culture of the people of the northern districts of West Bengal. It is the most useful representative of the material culture of the region. Now the museum legitimately takes pride in its substantial collection of stone and metal images, terracotta works, coins, manuscripts etc. Major portion of such collections belong to the period between 8th Century and 12th Century through even older pieces are also in the possession of the Museum. The Museum at present has emerged as one of the favored destinations of scholars, researchers and students. Scholars from different parts of India and some even from China, Bangladesh, Sri Lanka, Japan, Taiwan and other countries visit the Museum.

Details of the Director:

Name	Qualification	Designation	Email
Dr. Sudash Lama	M.A. Ph.D.	Director	lamasudash@nbu.ac.in

Details of the Officer:

Name	Qualification	Designation	Email
Dr. Malay Saha	M.A., B.Ed., Ph.D.	Assistant Curator	assistantcur@nbu.ac.in

Details of Non-Teaching Staff:

Name and E-mail	Qualification	Designation
Shri Bijoy Sankar Chakraborti	B.A.	Office Assistant (Casual)
Shri Mahesh Modak	Class IX Appeared	Record Supplier
Shri Arun Mallick	Class IX Appeared	Office Attendant (Casual)

Activities of the Museum:

- a) The AKM Heritage Museum has organized an Exhibition on “Antique Objects of the Museum” on 25th January, 2021
- b) The Museum boundary wall has been decorated with the images of Museum objects for better publicity
- c) Vinyl Flexes have been installed on the University Bus to create publicity and awareness to the general public about the Museum and its value
- d) The Museum has organized a Book Launch Ceremony of “Eṣl ꞡce;Sfṡ-II fṡl;LṡṡaÑ” written by Dr. Brindaban Ghosh and also Art Exhibition by the Scholar
- e) The Museum has published a Monograph on “উত্তরবঙ্গের লৌকিক জলযান” by Dr. Bimalendu Majumdar

Visitors:

Due to the outbreak of Covid-19 and declaration of pandemic, no visitors were allowed to visit the Museum during this period.

CENTRE FOR INFORMATION AND RESOURCE MANAGEMENT

About the Centre:

University Computer Centre is serving as a central hub for IT-related services on the campus since 1983 to meet the academic and research needs of the academic community of the University, including students and researchers. This state-of-the-art establishment got renamed as Centre for Information and Resource Management (CIRM) in 2020.

Keeping education and research in synchronization with modernization, NBU has been leveraging ICT as a tool to induce strategic improvement and changes in both academic and administrative practices. The CIRM plays an important role in creating an enabling environment for teaching-learning, research, and governance. All activities related to ICT implementation is governed by a well-formed IT Policy

Details of the Officers:

Name	Designation	Email
Shri Anirban Biswas	System Manager & Head	systemmanager@nbu.ac.in
Shri Sudeep Basu	System Engineer	systemeng@nbu.ac.in
Shri Amitava Deb Barman	Programmer	programmer1@nbu.ac.in
Shri Utpal Mandi	Programmer	programmer2@nbu.ac.in

Details of Non-Teaching Staff:

Name	Designation
Avijit Bagchi	Office Assistant (on contract)
Gyanandra Narayan Chakraborty	Office Attendant (on contract)
Santosh Mandal	Jr. Peon (Casual Staff)

Activities of CIRM during 2020-21:

During pandemic when everyone was talking about “breaking the chain”, the toughest challenge for the University was to keep the chain intact between the academic stakeholders and the University. The prime activities on focus were admission, examination, and continuation of the teaching-learning process. The main challenging area was to ensure no interruption in the teaching-learning process and all thanks to the advent of technology to cope up with the situation. The first

step forward was to modify the official website to a single-window system where any sought-after information can easily be searched. The Centre was able to develop the same, completely in-house, which is not only richer in information but at the same time more secure and robust. Anything and everything regarding the programs running in the University is accessible through this website almost in real-time.

Extreme care had been taken to continue the process of teaching by the faculty members of the University. The University primarily used the virtual platform provided by Google, as the University had subscribed to GSuite for Education. Now all the faculty members and research students have their own institutional email ids for seamless communication among them. Most of the University Departments now have their own YouTube Channels to disseminate learning videos to the students and ensure that the digital divide does not impact the learning process of the students.

The University tried its best to open up all feasible options to reach the students with the academic information they needed to enrich themselves. Now almost all the University published journals are online and are accessible through the website. University subscribed journals can now be accessed by University faculty and research students from any geographical corner of the globe using the VPN technology, implemented in-house, through secured credentials. The huge collection of the University Library is now accessible through OPAC and Institutional Repository. The website is also designed to browse the open-access virtual resources and collections in one place.

The University has missed the physical interactions of external academic experts due to non-occurrences of seminar for the last one year, but this threat actually opened up a new window of opportunity to listen and discuss with the subject experts with National and International repute. Many Departments have organized lecture series with Internationally acclaimed Professors through webinars. University is also conducting the Faculty Induction Programs and Orientation Programs for College and University academicians on a virtual mode.

The pandemic has changed the whole digital scenario of the teaching-learning system and we are still on the learning curve. The Centre had upgraded the network architecture to make it more secure, faster and seamless to support these new technology adaptations. Now all the sections of the academic community are adapting to this changed scenario and are enjoying the makeover.

Core Services at CIRM:

Help & Advice: In partnership with authorized ICT vendors, CIRM offers the help, support and advice required to keep IT working across the University academic and administrative departments on 24 X 7 basis, including the smart campus support.

Network & Internet: CIRM provides a centrally managed enterprise-class campus-wide network is the most effective and efficient method for achieving University's goals in information transport.

The current bandwidth is more than 1 Gbps. Under the NMEICT project, the CIRM is provided with a leased line (1:1) from BSNL for its main Campus at Raja Rammohanpur, Siliguri – 13, w.e.f. 2011 – 12 and a 400 Mbps Leased Line connectivity from Vodaphone Idea.

Manage Institutional Emails: To promote collaboration among the academic and administrative staff of the University, CIRM has implemented Google Suit for education with the premiere facility of institutional emails for all academic stakeholders.

Teaching & Learning: CIRM help University's teaching and learning community get the most from IT for teaching and learning, and promote innovative use of learning management environment, cutting-edge technologies for teaching on a virtual platform.

Web Publishing & Hosting: CIRM is responsible for design, develop and maintain the entire website, and is liable to coordinate all the matters related to governance of the website and its content, following the Web Development & Management Policy.

Virtual Private Network (VPN)/Remote Access: To access University subscribed resources from any geographies, CIRM provides access through NBU's Virtual Private Network (VPN) clients to the centrally-provided service only, to authorized users over Secure Socket Layer.

Training & Research: CIRM offers a huge range of customized IT trainings for academics, students and staff in our state-of-the-art IT learning environment. CIRM provides advice and support to researchers in planning, delivering and disseminating research.

Information Systems: CIRM information system portfolio ranges from core IT services and business applications to IT innovation in research. The MIS road-map advocates for in-house development with a formal project management approach. The NBU Pay Roll Management System, Finmin, is designed to view salary bills, PF balance and Income Tax information almost in real time. The Hostel Management System is designed to capture the application for accommodation in hostel, validation and auto allotments following the university polices

Software Installation Services: University does not allow any pirated/unauthorized software installation on the computers connected to the university network. CIRM takes care of the installation of licensed software subscribed centrally by the University.

Information Security: CIRM works to make sure that all IT services keep to a high standard of information security in accordance with the latest Information Security standards. Authorization to access University information must follow the University IT policy.

Cluster Computing: CIRM houses a high-performance computing cluster with 20 head nodes and 20 computing nodes, centrally used by researchers from University LAN and from an external network using a pre-configured VPN client.

NAAC & NIRF: CIRM is responsible for data warehousing related to NAAC, NIRF, and other for other relevant bodies as per the directive of the university authority. Team CIRM executes the data submission and required validation on the DCS Portals.

Research Project Details:

Title of the Project	Funding Body	PI
Multi-scale modelling of two dimensional materials and their van der Waals heterostructures and composites for application in next generation metal-ion batteries	SERB	Dr. Amretashsis Sengupta, Research Scholar

ENGINEERING BRANCH

About the Branch:

The Engineering Department of North Bengal University is catering their services on 24x7 basis. The engineers and staffs of this department are working relentlessly from the inception of this department. The department is engaged with the new construction and as well as maintenance of the existing assets. Apart from that the department is also providing comprehensive services for day to day electrical, civil, S&P, water supply works for the hostels, quarters, academic and administrative buildings throughout the year and most of the works are being carried out departmentally. The department has taken few flagship projects, few of which are ongoing and few are in the pipeline.

The University Engineer is having the headship to lead the engineering team. Four officers and around 60 staffs are accompanied him to accomplish the entire works as a team. A good number of substantive staffs are lying vacant (around 42 posts in different categories) at the moment under this department, instead of that the department is handling their duties and responsibilities efficiently round the clock.

Details of the Officers:

Name	Designation	Email
Er. Anirban Goon	Chief Engineer	ue@nbu.ac.in
Er. Debaish Kar	Assistant Engineer, Civil	assistanteng1@nbu.ac.in
Er. Kunal Chowdhury	Assistant Engineer, Electrical	assistanteng2@nbu.ac.in
Er. Kaushik Chatterjee	Assistant Engineer, Civil (on contract)	-

Details of Ongoing and Completed Projects:

Sl. No.	Name of the Project	Project Cost (Rs.)	Funding Agency	Status of work
1	Construction of one Women's Hostel	4,30,46,305	RUSA	Ongoing
2	Horizontal Extension of Philosophy Department	1,03,86,887	UGC + State Govt./ University	Ongoing

Sl. No.	Name of the Project	Project Cost (Rs.)	Funding Agency	Status of work
3	Construction of Toilet Block, CCTV monitoring cell, Information Centre, Career Counselling and Placement cell	65,22,090	RUSA	Ongoing
4	Construction of Boys' Hostel at Jalpaiguri 2 nd campus	8,53,22,440	State Govt.	Ongoing
5	Construction of Girls' Hostel at Jalpaiguri 2 nd campus.	8,72,39,858	State Govt.	Ongoing
6	Major renovation of Humanities Building (Civil + Electrical)	93,38,629	RUSA+ State Govt.	Ongoing
7	Thorough internal upgradation and external repairing & renovation of existing Life Science Building of the University of North Bengal	83,76,582	State Govt.	Ongoing
8	Reconstruction of boundary wall at the back side of R.S. Hostel (women) including providing a sausage boulder crate for protection of back filling of the wall at NBU (length 40.0 m approx.).	7,65,709	State Govt	Ongoing
9	Roof repairing works at Estate office, E33-37, E38-41(A), E29-32, E124&124, E110-117, W/282-283(B), W/287, USIC old Building, Computer Sc. Dept., W/182-184(A), W/185-190, Sociology Dept., Cosmic Ray, W/298, W/209 and others allied works at NBU Campus, NBU".	33,66,627	State Govt.	Ongoing
10	Replacement of entire roof sheets at NBU Khela Ghar.	5,37,540	State Govt.	Ongoing
11	Making of 7 Nos. of ramps and renovation of 13 nos. of existing toilets for the differently abled personnel in different buildings within the campus of NBU	13,31,351	State Govt.	Ongoing
12	Renovation work of 8 nos. rooms, lounge area, staircase passage, dining hall, roof treatment works etc. at Guest House old portion, necessary renovation of 5 nos. toilets at Chemistry Department, Parking area development in front of Engineering	20,99,745	State Govt.	Ongoing

Sl. No.	Name of the Project	Project Cost (Rs.)	Funding Agency	Status of work
	branch, Biotechnology department, Computer Centre along with some other necessary works at other places at NBU Campus.			
13	Laying of underground cable including replacement of few main panels & installation of feeder pillars at Eastern Sector of NBU main campus	59,28,274	State Govt.	Ongoing
14	Roof protection and repair with other necessary allied works at MBA, Geography, Botany, Mathematics, Administrative (excluding annex) building, Rani Bhabani Hostel (main block) at NBU Campus	48,44,968	State Govt.	Ongoing
15	Replacement of old rusted tin sheet with PUF insulated sandwich roof panels at Rabindra Bhanu Mancha along with some other allied works at NBU Campus	15,35,532	State Govt.	Ongoing
16	Installation of new P.V.C main pipeline from IT Pump House to 3 no. Gate, SBI building, Boys hostel more at Eastern Sector and Himalayan Sector teacher's quarters at Western Sector along with other necessary works at NBU Campus	28,97,180	State Govt.	Ongoing

Details of Upcoming Projects:

Sl. No.	Name of upcoming projects
1	Construction of Vigyan Bhavan cum Auditorium
2	Construction of Siksha Bhavan
3	Construction of Gymnasium
4	Construction of Post Matric ST Girls Hostel
5	Construction of Teachers', Officers' and Staffs' Quarters
6	Horizontal Extension of Engineering Department
7	Construction of 2 (two) new Electrical Substation
8	Installation of DG and other allied works for Department of Law

9	Construction of new Over Head Tank at Eastern Sector of NBU.
10	Installation of Submersible pumps at different location of NBU for capacity enhancement
11	Construction of Boundary Wall from 2 No Gate to Ram Mohan Statue
12	Construction of Boundary Wall along the Asian Highway
13	Vertical Extension of Bank/Post Office Building
14	Annex Building of MBA Department
15	Annex Building of Computer Science and Application

ESTATE OFFICE

About the Office:

The Estate Office is maintaining the 316 acres of the University land including maintenance of twenty numbers of flower garden and more than three hundred numbers of fruits and other plants of the campus round the year. The Division works wholeheartedly to keep the University campus green and beautiful.

Apart from the above duties, the Division extend the following duties and responsibilities –

- Maintenance service provided to the University Guest House at Raja Rammohunpur Campus and Salt Lake Campus
- Maintenance and service provided to Vidyasagar Manch, Rabindra Bhanu Manch and Conference Hall of the Administrative building
- Plays major role in conducting Annual Convocation, Celebration of Independence Day, Republic Day, Netaji Birth Day and other Occasion as directed by the authority
- Management of the total residential quarters for Teachers/ Officers/ Non-Teaching employees
- Maintenance of the all Water Purifiers of the University

Details of the Officer:

Name	Designation	Email
Shri Kamala Kanta Ghosh	Sr. Estate Officer	kkgeo@nbu.ac.in

HEALTH CENTRE

About the Centre:

Health Centre of the University provides OPD services from 8.30 a.m. to 5.30 p.m. and emergency on-call services for the rest of the day. The services provided are doctor consultation with specialization in general physician, eye, pediatrics, gynecology, pathology and dentist, emergency management with referral services to higher centre if needed and laboratory services.

The Medical Officer acts as liaison between the State Health service and the University to provide preventive and promotive health services to the students and staff and carry on the National Health Programmes inside the campus as applicable. Periodical Information, Education and Communication (IEC) materials are provided to the students both online and offline and awareness programs are held to promote health awareness.

Services Provided the Health Centre:

- OPD services from 08.30 am to 05:30 pm
- Laboratory services (Hematology, Urine and Stool Examination, Bio-Chemical, Serology, etc.) from 09:00 am to 04:00 pm
- Pharmacy services from 08.30 am to 05.30 pm
- 24 hours Ambulance services

Doctors Available in Health Centre:

Name and Qualification	Specialty	Timings
Dr. Amlan Ghosh BDS	Dental and Oral Surgeon	01:30 pm to 04:30 pm (Tue, Wed, Fri)
Dr. Ravi Prakash Agarwalla MBBS, MD (Pathology)	Consultant Pathologist	11:30 am to 12:30 pm (Mon to Fri)
Dr. Siddharth Basak MBBS, DCH	Child Specialist and General Physician	03:00 pm to 05:00 pm (Mon to Fri)
Dr. Shubarna Kr. Paul MBBS	General Physician	08:30 am to 10:30 am (Mon to Fri)
Dr. Bipul Das MBBS, DO, MAIOS	Eye Surgeon	12:00 pm to 02:00 pm (Fri)
Dr Zakia Banu, MBBS, PGDHHM, PGDMCH	General Physician, Woman's Health	10:30 am to 05:30 pm (Mon to Fri)

Details of the Officer:

Name	Designation	Email
Dr. Zakia Banu	Medical Officer	medicalofficer@nbu.ac.in

Details of Support Staff:

Name	Designation	Qualification	Email
Sujan Kumar Das	Tech. Asst. Gr. II	B. Sc. DLT	sujan_kumar_das@yahoo.com
Manju Singha Roy	Jr. Asst. Cum-Typist	B.A.,MLIS	manjusingha.library@gmail.com
Aritri Das	Jr. Pharmacist	M. Pharma	Aritridas125@gmail.com
Babli Mazumdar	Helper Gr. III	Non-matric	babli_mazumdar@yahoo.com
Binoti Oraon	Sr. Peon	Non-matric	binati_oraon@yahoo.com

Details of Services Provided in 2020-21:

Number of Patients examined at the Health Centre	1504
Number of Patients investigated at the Clinical Pathology Laboratory of Health Centre including ECG	446
Total amount of earnings from the services at the Clinical Pathology Laboratory	Rs. 87,744
Number of Samples investigated at the Clinical Pathology Laboratory	11,350
Total amount of earnings from the Dental Treatment	Rs. 324

Apart from the above routine services, to combat the COVID situation in the campus, the Centre has also extended Safe Home and Nursing services on 24 x 7 basis with doctor available on round the clock basis. Oxygen cylinders have also made available for critical patients.

SPORTS BOARD

About the Board:

Sports is a means of physical and mental development besides creating harmony in the country. Sports is like a matrix where persons of all creeds, color, religion and socio-economic status have the level playing ground. It is a melting pot where all and sundry have equal rights and opportunities. Sports is, thus, a glowing example of national integration. The participation in sports makes a nation fitter and also reduces the burden of morbidity and mortality in the population.

The basic rationale of the policy is to reach out to all registered students of the University by addressing their sporting and recreation needs. The policy aims to encourage students to undertake all such activities that develop healthy and long lasting life styles. The nodal point of sports in the University is the North Bengal University Sports Board. As per the Rules of the University, Sports Board is responsible for implementation and ensure compliance with this policy.

The major aim and objective of the Sports Board, University of North Bengal are –

- To organize, control, manage and supervise inter-collegiate sports and games amongst the students of the university, colleges, and institutions affiliated thereto
- To send the University teams in the Inter-University Tournaments organized by A.I.U in different sports and games through selection trials and coaching camps
- To undertake, control and conduct inter-university competitions
- To award trophies, cups, certificates, blues etc.
- To conduct adventure sports with the students of different colleges.

Details of the Secretary:

Name	Designation	Email
Shri Surajit Das	Secretary, Sports Board	dassuraonbu@nbu.ac.in

Activities of the Board in 2020 - 21:

Due to outbreak of COVID 19 throughout the country and in compliance of the government orders to contain the spread of the diseases, no sports activities have been conducted in this year.

UNIVERSITY LIBRARY

About the Library:

The University Library was established along-with the establishment of the University in 1962 in order to meet the academic and research needs of the Students, Research Scholars and the Teachers. The University Library provides books, journals as well as current information on various topics to fulfil the need of the various components of the university community viz. teachers, research scholars, students, officers and staff towards the fulfilment of their objectives. It is the only Library in North Bengal region, which facilitates research and higher learning by providing books, journals and other documents to the teachers, research scholars and students.

The Library is a three storied building with 3108.13 sq. m. carpet area. The location of the University Library is at the Western side of the University Administrative Building and North of Padmaja Park. University Library has built up a rich collection on all branches of Science, Arts, Commerce and Management. The library is the member of E-ShodhSindhu: Consortium for Higher Education Electronics for on line subscription of journals. Library LAN has become a part of campus wide network, which has made it possible for the academic community of various Departments to access information from their adobe. The Library Committee regulates Policy, Planning, Process and all the developmental activities of the library. It renders instructions regarding management of funds set apart for the functioning of the University Library system. The Chairman of the Library Committee is the Hon'ble Vice-Chancellor and the Librarian of the University is Secretary, Ex-Officio member.

Details of the Officers:

Name	Designation	Email
Dr. Mriganka Mandal	University Librarian	nbulibrarian@nbu.ac.in
Shri Brindaban Karmakar	Joint Librarian	b_karmakar@nbu.ac.in
Shri Shubhrangshu Kumar Mistri	Deputy Librarian	shubhrangshu@nbu.ac.in
Shri Santanu Chanda	Assistant Librarian	santanu.library@nbu.ac.in
Smt. Yangzee Sherpa	Assistant Librarian	yangzee@nbu.ac.in
Shri Manash Esh	Sr. Information Scientist	manash@nbu.ac.in

Details of Support Staff:

Sl. No.	Name	Designation
1	Dr. Parimal Chandra Roy	Superintendent Library Service
2	Shri Anup Chandra Singha Roy	Asst. Librarian Gr. I
3	Shri Naresh Chandra Barman	Sr. Assistant

Sl. No.	Name	Designation
4	Smt. Ranjita Roy	Sr. Assistant
5	Sri Sanatan Barman	Sr. Binder
6	Shri Bisu Das	Record Keeper
7	Shri Kabiraj Biswakarma	Record Supplier
8	Shri Rakesh Lakra	Jr. Peon
9	Shri Dinesh Mallick	Jr. Superintendent
10	Shri Gyan Narayan Pradhan	Sorter
11	Shri Avijit Chakraborty	Library Professional (Casual Gr. III)
12	Shri Pratap Singha	Library Professional (Casual Gr. III)
13	Shri Aniruddha Sarkar	Library Professional (Casual Gr. III)
14	Shri Pravakar Sharma	Library Professional (Casual Gr. III)
15	Smt. Paramita Sen	Office Assistant (Casual Gr. III)
16	Smt. Minakshi Bhowmick	Casual Gr. III
17	Shri Semanta Singha	Casual Gr. D
18	Sri Sanjay Sarkar	Casual Gr. D
19	Shri Mintu Singha	Casual Gr. D
20	Shri Surajit Singha	Casual Gr. D
21	Shri Anil Roy	Casual Gr. D
22	Shri Ashok Das	Casual Gr. D
23	Shri Sovan Ghosh	Casual Gr. D
24	Shri Mriganka Raha	Casual Gr. D
25	Shri Rakesh Mallick	Casual Gr. D
26	Shri Arun Kumar Biswas	Contractual Gr. D
27	Smt. Susmita Chanda	Library Professional (Casual Gr. III, Man-days)
28	Shri Sanjib Modak	Library Professional (Casual Gr. III, Man-days)
29	Shri Juboraj Roy	Library Professional (Casual Gr. III, Man-days)

Library Details:

Service Hours : 10 a.m. to 5-30 p.m.

Service Days : Monday – Sunday (7 days except holidays)

Carpet Area : 3108.13 sq. m.

Total Collection (as on 31.03.2021)	: 3,05,218
Library Access	: Open Access & Closed Access
Library Security system	: Manual and CCTV Surveillance
	IASLIC
	ILA
	BLA
Institutional Membership	: British Council Library
	American Library
	DELNET
Status of Automation	: Automated Database
Library Software	: SOUL 2.0
	INFLIBNET
Membership of Library Network	: DELNET
Library Consortia	: e-ShodhSindhu Consortium for HE E-Resources
	http://11.0.98.17/nbulib/default (Internal)
Library Web Portal	: http://118.185.209.245:8081/nbulib (External)
NBU Information Repository	: https://ir.nbu.ac.in

Services, Facilities and Functions of University Library:

- Bibliographic Service
- Reference Service
- Information Service
- Reprographic Facilities
- Internet Facilities
- Online Access to Selected Journals through e-ShodhSindhu
- Database Search through INFLIBNET

- Study and Research Support Service
- Information Hub for Students, Teachers & Research Scholars
- Journals of National and International repute
- Provision for Accessing the Rare Books
- Lending facilities for books
- After processing the documents are being sent regularly to Seminar Libraries as required
- Display of Information regarding arrival of Books and Journals
- OPAC and Web OPAC
- Career Guidance Service
- Resource Sharing/Inter Library Loan
- Facilities to the Retired Teachers, Officers and Employees
- User Orientation
- Facilities for other colleges & Research Organizations
- Services extended to Jalpaiguri Campus
- Plagiarism Checking up of Theses/Dissertations/Articles
- Institutional Repository has rich variety of collection like thesis, university publication, rare book collection, administrative documents etc.
- Remote Access Facility
- Online Databases and Journals facility
- Open Access e-resources
- E-reference Services
- E-books and Online Magazines services
- Access digital copy of census India data of different states
- Access to Online and Offline Census report

Library Statistics (as on 31st March, 2021):

Particulars	Numbers
Total number of documents accessioned	305218
Text Books	250252
Reference Books	9144
Rare Books	648
Bound Periodicals	38,745

Particulars	Numbers
Theses	1943
Non-Print Materials	1,049
Census	2350
Reports	1794
Gazetters	180
Dataties	201

Journals/Periodicals Subscription in 2020 – 21:

Journals/Periodicals	Numbers
Indian	53
Foreign	105
Online	29
Total	187

Digitalization in 2020 - 21:

Journals/Periodicals	Numbers
Retrospective theses	50
Rare books	609

Other Details:

Particulars	Details
Total number of documents added in 2020-21	1460
Total expenditure for subscription of current Journals/Periodicals in 2020-21	Rs. 2,26,82936
Total number of E-Journal/E-Periodicals available on On-line through e-ShodhSindhu Consortium in 2020-21	10,000
Creation of computerized membership database in 2020-21	39
Total Number of data entered in the SOUL database in 2020-21	125
Existing number of users of online journal in 2020-21	60,132
Contribution to Union catalogue of INFLIBNET in 2020-21	2574

Particulars	Details
Total number of student members	2546
Total number of others members	686
Average issue/return of books (daily)	136.5
Present seating capacity of the library	150

Book Budget (during 2020-21):

Grant	Amount
State Grant	Rs. 1,73,880
SAP	Rs. 2,00,000
University Grant	Rs. 4,10,737
Total	Rs. 7,84,617

UNIVERSITY LIBRARY – JALPAIGURI CAMPUS

Total No. of Books	: 4275
Library Hours	: 11:00 am to 5:00 pm (Monday to Friday)
Book Lending Hours	: 12:00 noon to 4:00 pm
No. of Teacher Member	: 5
No. of Student Member	: 128

Details of Library Staff:

Sl. No.	Name	Designation
1	Dr. Susmita Misra	Librarian-In-Charge(Addl.)
2	Mr. Abhijit Sarkar	Group-D (Man-days)

Student Membership Details:

Name of the Department	Nos.
Bengali	38
English	26
Geography & Applied Geography	23
Sanskrit	41
Total	128

Rules:

- Students members are eligible to borrow maximum limit of 2 books for 15 days
- Teacher members are eligible to borrow maximum limit of 5 books for 30 days
- Subject to permission of the Library-in-charge, a non-lending book may be issued overnight and the same is required to be returned to the library the next working day within 12 noon
- Reprography facility is available for the teachers and students

UNIVERSITY PRESS

About the Press:

University Press, University of North Bengal was established in the year 1972 with the objective of Printing & Binding of articles of various academic and administrative Departments, mainly Examination related works. It started its journey in a hall with mono color Letter Press machine, cutting machine and accessories. With passing of time, various machines were installed with the change of technology.

Though in early years Press used to do the work of Controller of Examination in major but in later years it expanded its job periphery. Presently North Bengal University Press has been successfully engaged in printing Annual Journals of various Departments besides printing of routine jobs, prospectus of different courses, abstracts and other materials of seminars, different reports and newsletters.

Presently University Press building has 3 blocks -

Office & Store block	: 3450 sq. ft.
Printing & Compose block	: 1700 sq. ft.
Binding & Store Room	: 3450 sq. ft.

The University press extends printing services for -

- Confidential works of Examination branch
- Various Forms, Challans, Fee Book
- Various Reports like Annual Report, Annual Accounts, Budget, etc
- Study material of Directorate of Distance Education, NBU.
- Placement and Information Brochures and Souvenirs.
- Greetings Card, Display Card and Invitation Card of Workshops and Seminars.
- Journals of various departments.
- Books
- Certificates
- Visiting Card, Identity Card, Vehicle Stickers, etc.
- Printing materials for various National & International Seminars.

Presently University Press is functioning with three segments –

- a. Compose Section
- b. Printing Section
- c. Binding and Finishing Section

Facilities Available at University Press:

Sl	Particulars	Working condition	Out of order	Total
01	Offset Printing machines	3	2	5 Nos.
02	Letter Press machines	1	2	3 Nos.
03	Perfect Binding machine	1	NIL	1 No.
04	Cutting machine	1	1	2 Nos.
05	Folding machine	1	NIL	1 No.
06	Lamination machine	1	NIL	1 No.
07	Stitching machine	1	NIL	1 No.
08	Perforating cum Creasing machine	1	NIL	1 No.
09	A3 size Color Printer	1	2	3 Nos.
10	A4 size Color printer	1	NIL	1 No.
11	B & W printers	2	3	5 Nos.
12	Desktop Computers	2	3	5 Nos.

Staff Details:

Sl. No.	Name	Designation
01	Uttam Nunia	Superintendent
02	Indraneel Roy	Assistant Superintendent
03	Naresh Ch. Roy	Sr. Assistant
04	Debasish Chakraborty	Sr. Assistant
05	Hemanta Kr. Singha	Sr. Binder
06	Motilal Murmu	Sr. Peon
07	Bidhan Ch. Roy	Helper (Gr-III)
08	Anup Ghosh	Sr. Peon
09	Raja Basfore	Jr. Peon
10	Amit Kr. Gupta	Offset Machine man, Contractual (Gr-C)
11	Kamalendu Mallick	Offset Machine man, Contractual (Gr-C)
12	Bimal Das	Offset Machine man, Contractual (Gr-C)
13	Md. Malek Hossain	Offset Machine man, Contractual (Gr-C)
14	Dil Bahadur Thapa	Computer Operator (Casual) Gr-C
15	Chandan Singha	Machine man (Casual) Gr-C
16	Probhat Nag	Helper (Casual) Gr-D
17	Atindra Das	Helper (Casual) Gr-D
18	Ajoy Ghosh	Helper (Casual) Gr-D
19	Jagannath Singha	Helper (Casual) Gr-D
20	Pranab Kr. Singha	Helper (Casual) Gr-D
21	Motilal Singham	Helper (Casual) Gr-D

Sl. No.	Name	Designation
22	Naba Kr. Singha	Helper (Casual) Gr-D

In the year 2020-21 University Press has completed 114 indents and generated revenue of Rs. 27.90 lakhs

UNIVERSITY SCIENCE AND INSTRUMENTATION CENTRE

About the Centre:

University Science Instrumentation Centre (USIC) was established in the year 1978 with its aim to offer services in terms of maintenance, repairing and fabrication of scientific equipment to the students, research scholars, and faculty members of all departments of the University. It is a Level-II centre and provides these services when a request from the departmental head concerned as well as the lab-in-charge is received. The Centre also provides computer maintenance support to various academic and non-academic Departments of this University.

USIC is running with its regular activities for repairing, maintenance, fabrication, assembling etc. of the scientific instruments to cater services to research scholars, students, teachers, officers of different departments and centers. The centre is also entrusted with the responsibility of repairing different instruments before disposal. The Centre broadly runs as per UGC guidelines.

The centre has the following facilities:

- Mechanical Workshop
- Electrical and Electronics
- Computer and peripherals
- Major Scientific Equipment
- Liquid Nitrogen Production Plant

Details of the Officers:

Name	Designation	Email
Shri Gautam Sarkar	Technical Officer III and Head	gs72@nbu.ac.in
Shri Soumyadeep Laha	Technical Officer I	techofficer1@nbu.ac.in
Dr. Prajnamita Dasgupta	Scientific Officer	scientificofficer@nbu.ac.in

Details of Support Staff:

Name	Designation
Shri Ambarish Chettri	Senior Mechanic
Shri Harish Mishra	Record Keeper

Name	Designation
Shri Bikky Mallick	Junior Peon
Shri Rajib Das	Office Assistant(Contractual)

Services Extended by the USIC:

Over the past few decades there has been an increase in interest for interdisciplinary, education and research. At present, it has become an integral part of higher education and research in Science & Technology. Multidisciplinary research activities can blend diverse areas of knowledge, skills and experience to generate innovative solutions to many challenging problems. Multidisciplinary projects can and should be the springboard for fundamental disciplinary advances too. While getting funds for such major equipment by a single department or by an individual researcher is unlikely, subsequent installation. Services and maintenance are even more challenging tasks in the present scenario.

To keep pace with the state-of-the-art interdisciplinary education and research activities in Science and Technology, it is imperative for the University to be equipped with a number of major equipment. University Science Instrumentation Centre (USIC) presently provide central facilities with sophisticated instruments like Liquid Nitrogen Plant and Scanning Electron Microscope.

A. Supply of Liquid Nitrogen:

A centralized Liquid Nitrogen Plant (Liquid Nitrogen Plant of Striling Cryogenics, DH Industries BV, Netherlands) was installed at USIC in 2016. Liquid Nitrogen is constantly required to run NMR machine (Bruker 300MHz) installed at the Chemistry Department of NBU as well as different users associated with the research work in different research laboratories of the University. Currently USIC is in a position to supply the adequate Liquid Nitrogen required and the needs of various departments.

Supply details of liquid nitrogen in 2020-21:

Sl. No.	Month and Year	Amount in Litre	
		Dept. of Chemistry	Other Department
1	Apr, 20	Lock Down	
2	May, 20	Lock Down	
3	June, 20	550	10
4	July, 20	550	20
5	Aug, 20	350	10
6	Sept, 20	650	10
7	Oct, 20	300	8
8	Nov, 20	600	30

Sl. No.	Month and Year	Amount in Litre	
		Dept. of Chemistry	Other Department
9	Dec, 20	350	30
10	Jan, 21	300	25
11	Feb, 21	100	10
12	Mar, 21	350	74
Sub Total		4100	227
Grand Total		4327	

B. Image Analysis using Scanning Electron Microscope:

The Scanning Electron Microscope (SEM) is now an indispensable tool in scientific research. Jeol SEM (JSM IT100) was purchased and installed in December 2017 with the financial assistance from RUSA. Currently USIC is successfully providing the facility of analyzing and imaging of sample through SEM to various Departments in the University, affiliated colleges, other Universities and colleges and also to the industrial community of this region.

Details of SEM test done in 2020-21:

Sl. No.	Month and Year	No. of Test Conducted
1	Apr, 20	Lock Down
2	May, 20	Lock Down
3	June, 20	2
4	July, 20	Lock Down
5	Aug, 20	Lock Down
6	Sept, 20	5
7	Oct, 20	9
8	Nov, 20	28
9	Dec, 20	40
10	Jan, 21	13
11	Feb, 21	32
12	Mar, 21	33
Total		162

C. Repair, Fabrication, Design, Installation, Up-gradation Work:

Sl. No.	Month & Year	Repairing Jobs			
		Total no. of Jobs	C.P.U	Laptop	Electronics & Electrical
1	Apr, 20	Lock Down			
2	May, 20	Lock Down			
3	June, 20	3	-	1	2
4	July, 20	10	3	3	4
5	Aug, 20	24	14	4	6
6	Sept, 20	43	18	2	23
7	Oct, 20	49	32	3	14
8	Nov, 20	30	12	2	16
9	Dec, 20	53	14	5	34
10	Jan, 21	45	14	3	28
11	Feb, 21	28	14	1	13
12	Mar, 21	28	11	3	14
Total		313	132	27	154

Details of Seminar/Conferences /Webinar Attended:

Name of the Officer	Details of the Seminars/Conferences	Date
Soumyadeep Laha	National Webinar on “The Role of Mathematical Modeling in Covid19 Pandemic Response: Main Challenges”, organised by Vijaygarh Jyotish Ray College, Kolkata and IQAC, CU	22.06.2020
Soumyadeep Laha	Webinar on " ZEISS Crossbeam laser: A new breakthrough for FIB-SEM applications in Materials Science ", organised by ZEISS Microscopy Team	27.08.2020
Soumyadeep Laha	Introductory Seminar on Astrophysics and Cosmology, organised by ICARD, NBU	16.09.2020

Name of the Officer	Details of the Seminars/Conferences	Date
Soumyadeep Laha	One-day State-level Webinar on “Recent Advances in Basic and Applied Sciences”, organised by P.R.M.S Mahavidyalaya	29.09.2020
Prajnamita Dasgupta	Introductory Seminar on Astrophysics and Cosmology, organised by ICARD, NBU	16.09.2020

Publications:

Name of the Author	Details of Book/Journal/Volume	Year
Devi N A, Nongthombam S, Sinha S, Bhujel R, Rai S, Singh W I, Dasgupta P , Swain B P	Investigation of chemical bonding and supercapacitivity properties of Fe ₃ O ₄ -rGO nanocomposites for supercapacitor applications, <i>Diamond and Related Materials</i> , Vol 104, 107756	2020
Dasgupta P	Information and Communication Technology: Holistic Approach, Opportunities, Consequences and Challenges, Book: Teaching and Learning in Covid Era, Akhand Publishing House, ISBN 978-81-946006-9-5	2020
Singh W I, Sinha S, Devi N A, Laha S , Nongthombam S and Swain B P	Investigation of chemical bonding and electronic network of rGO/PANI/PVA electrospun nanofiber, <i>Polymer Bulletin</i> , 78, pp. 6613–6629 ISSN: 01700839	2020

WATCH & WARD DEPARTMENT

About the Department:

University of North Bengal has an active Watch and Ward Department which is providing Safety and Security arrangements round the clock covering a vast land area throughout the campus including 6 Girls Hostels, 6 Boys Hostels, large number of Professors residences, Guest House, Departments, Buildings and a Museum with valuable and rare items.

This Department keep a good number of fleet to meet all the vehicular needs to the university students, research scholar, staff and faculty members, specially connecting with airport, railway station, nearby city and even if Jalpaiguri Campus also.

The Watch & Ward department keeps 24 hours' eyes open on the places and incidents that take place within the campus through CCTV Network System.

Duties of the Department:

- To protect lives and to safeguard property
- To create a safe and secure environment for the entire University community
- To prevent crime, control criminal behaviour, maintain order, and reduce fear of crime
- To accomplish all security objectives legally and constitutionally, guided by North Bengal University Statute, Act, Ordinance and Rules
- To create partnerships with university and community groups, service agencies, institutions, and other criminal justice agencies
- To identify and solve problems
- To listen to community concerns
- To establish and support crime prevention programs
- To respond to calls for service
- To investigate crimes and prevention of crime
- To apprehend those who commit crimes
- Protection of life and property of the university and its residents
- Providing service to members of the university while at the same time preserving an environment conducive to the pursuit of educational goals and personal growth

Vehicle Facilities:

Type	No.	User / Purpose
Bus	3	Service is available to the students
Ambulance	2	Available for 24-hours, for all categories of the employees and students
Car	4	For office use

CHAPTER – VIII
FACILITIES FOR THE STUDENTS

ANTI-RAGGING COMMITTEE

The Hon'ble Supreme Court of India has defined that "ragging is any disorderly conduct whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness to any student, indulging in rowdy or undisciplined activities which cause or likely to cause annoyance, hardship or psychological harm or to raise fear or apprehension thereof in a fresher or a junior student and which has the effect of causing or generating a sense of shame or embarrassment so as to adversely affect the psyche of a fresher or a junior student" and the apex court has held that conducting ragging is a criminal offence. According to the directions of the Supreme Court if any instance of ragging is brought to the notice of the administration or the faculty, it is legally binding on the institute to report the matter to the Local Police.

In compliance with the order, the University of North Bengal has constituted Ant-Ragging Committee and Anti-Ragging Squad to eradicate any chances of ragging in the campus. The Anti-Ragging Committee is the Supervisory and Advisory Committee on matters of planning action for building and preserving a culture of ragging free environment in the University campus. The Anti Ragging Squad works under the supervision of Anti Ragging Committee and engaged in surveillance of the places like hostels, buses, canteens, classrooms and other places of student congregation. They also sensitize the students at large in the University about menace of ragging and related punishment provisions.

The Composition of the Anti-Ragging Committee is –

1. Chairman

- Hon'ble Vice-Chancellor, University of North Bengal

2. Member – Convener

- Dr. S. Sanyal, Inspector of Colleges & Member-Secretary, Board of Residence and Discipline, NBU

3. Members:

A. Teaching Faculty:

- Prof. Saswati Biswas, Department of Sociology, NBU
- Dr. Arnab Sen, Department of Botany, NBU
- Professor Bikash Ch. Paul, Department of Physics, NBU
- Prof. Gangotri Chakraborty, Department of Law, NBU
- Dr. Anirban Mishra, Department of Chemistry, NBU
- Prof. Manoranjan Singha, Department of Mathematics, NBU
- Prof. Debika Saha, Department of Philosophy, NBU
- Dr. Indira Lepcha, Department of Geography & Applied Geography, NBU
- Dr. Shilpi Ghosh, Department of Biotechnology, NBU

- Prof. Manjula Bera, Department of Bengali, NBU
- Dr. Ramesh Dural, Department of Political Science, NBU
- Prof. K.K. Bagchi, Department of Economics, NBU
- Sri Varun Roy, Department of History, NBU
- Prof. Samirendra Nath Dhar, Department of Commerce, NBU
- Prof. Ranjan Ghosh, Department of English, NBU
- Prof. Manisha Jha, Department of Hindi, NBU

B. Officer and Non-Teaching Staff:

- Estate Officer, NBU
- Officer-in-Charge, Watch & Ward Department, NBU
- Secretary, FC for P.G. Studies in Science, NBU
- Secretary, Under Graduate Council, NBU
- Assistant Registrar, NBU Jalpaiguri Campus
- Secretary, NBUEA
- Secretary, SBTSS, NBU Unit.
- Secretary, NBUPEO
- Secretary, NBUASKA

C. Civil and Police Administration:

- Additional District Magistrate, Darjeeling, Siliguri
- Assistant Commissioner of Police (West), Siliguri
- Officer-In-Charge, Matigara Police Station

D. Local Media:

- Sri Subhankar Chakraborty, Uttar Banga Sambad.

E. Non-Governmental Organization:

- Sri Animesh Bose, HNAF

F. Parents' Representatives:

- To be nominated

G. Students' Representatives Both Seniors and Fresher:

- Sri Sourav Roy, Deptt of Mathematics, NBU
- Sri Himangshu Barman, Deptt of Bengali, NBU
- Sri Baichung Tamang, Deptt of Food Technology, NBU

HOSTEL

In order to provide an abode of ideal ambience through happy housing, nutritious nourishment, and caring counselling to prepare the youth to carve out their careers, the University of North Bengal provides Hostel facilities to the bona-fide students of full time courses who meets required eligibility criteria. As hostel seats are limited, preference are given to the students whose residents are more than 45 km away from the University. Presently there are ten numbers of hostels including two hostels for the research scholars. Each hostel has in-house catering facility to provide healthy and hygienic foods to the hostel boarders. Special facilities in the Hostel are also available for the Physically Handicapped students.

The present number of hostels, for both male and female students, and their capacity are given below –

Boys' Hostel

Sl. No.	Name of the Hostel	Seats/Room	Capacity
1	Ramkrishna Hall of Residence (R.K. Hall)	2	278
2	Vivekananda Hall of Residence (V.K. Hall)	2	316
3	Vidyasagar Hall of Residence	2	60
4	Law Hostel for Boys'	2	25
5	Research Scholars' Hostel (R.S. Hostel for Men)	1	46

Girls' Hostel

Sl. No.	Name of the Hostel	Seats/Room	Capacity
1	Rani Bhawani Hostel	2	156
2	Sarojini & Purneswari Hostel	2	200
3	Nivedita Hostel	2	126
4	Law Hostel for Girls	2	16
5	Research Scholars' Hostel (R.S. Hostel for Women)	1	43

Apart from fooding and lodging, the hostels are also equipped with sports equipment and entertainment facilities for the leisure of the boarders. The University also extends facilities to ensure safety of the students. Few of such arrangements are –

- Furnished and spacious dining room

- Sports equipment like volley balls, footballs, cricket bats and balls, wickets, carom, gym equipment, etc.
- Volley ball ground inside the hostel campus
- Fire extinguisher facilities
- Water purifier and cooler
- Hi speed WIFI
- Water heater
- LPG connection and Chimney in the kitchen
- Newspaper (English, Bengali, Hindi, Nepali)
- Colour television
- Photocopier
- Round the clock Security Services for the hostels

A Hostel Monitoring Committee comprising of Senior Professors, Officers, Superintendent of Hostels and Students' representatives look after the affairs of the hostels. Anti-Ragging squad of the University keeps surveillance on the Hostel to ensure healthy stay of the boarders.

The composition of the Hostel Monitoring Committee is as follows –

SCHOLARSHIPS AND FELLOWSHIPS

In order to empower the academic and career goals of the students by removing the financial barrier, the University of North Bengal encourages and facilitates the eligible students to get various State and Central scholarships and fellowships. The present scholarships and fellowships available for the students of the University are given below –

Fellowship for Researchers:

- UGC – NET – Junior Research Fellowship
- CSIR – NET – Junior Research Fellowship
- Maulana Azad National Fellowship for Minority Students
- National Fellowship for Other Backward Classes
- National Fellowship for Scheduled Caste
- National Fellowship for Scheduled Tribes
- West Bengal State Fellowship
- Swami Vivekananda Merit-Cum-Means Scholarship Scheme
- University Fellowship

Fellowship for PG Students:

- Post Graduate Merit Scholarship Scheme for University Rank Holders
- Indira Gandhi Scholarship for Single Girl
- Swami Vivekananda Merit-Cum-Means Scholarship Scheme
- Kanyashree Prakalpa (Kannyashree-III)
- Oasis Scholarship

To facilitate the students and research fellows, the Office of the Registrar and the Office of the Development Officer look after the scholarships and fellowships respectively.

SC-ST CELL

The SC/ST Cell at the University of North Bengal specifically concentrated on the welfare of the Scheduled Caste (SC) and Scheduled Tribe (ST) students and staff. The main purpose of the Cell is to monitor the guidelines issued by the MHRD, UGC and by the Government of West Bengal from time to time. The Cell ensures the effective implementation of the reservation policies in the university admissions to students in various courses of studies, accommodation in the hostels, appointments to the teaching and non-teaching posts, allotment of quarters in the university and maintenance of roster register in the University. The SC-ST Cell also ensures the scholarships, stipends etc. for welfare of reserved categories.

The SC/ST students and employees can approach the Coordinator of the Cell for redressal of any of their grievance(s) regarding academic, administrative or social problems. The Coordinator often meets the concerned students and staff, to understand their problem and takes necessary action and/or renders them necessary advice/help to resolve the matter.

Prof. M. N. Roy, Department of Chemistry, NBU

Prof. S.C. Roy, Department of Botany, NBU

Prof. K.K. Bagchi, Department of Economics, NBU-Convener.

STRESS MANAGEMENT CELL

The Stress Management Cell of the University of North Bengal has been constituted as per the guidelines of the Ministry of Human Resource Development and University Grants Commission to take care of the students' mental health and address their tension and anxiety related to studies, career and health. The members of the Stress Management Cell attend calls from the students and others who are in need of mental support. The Composition of the Cell is as under: -

- Professor Palas R Sengupta, Professor (HRM and OB Area) and Head, Department of Commerce - Chairman
- Shri Sanmoy Mallick, Department of Management
- Dr. L.K. Padhi, Head, Department of Philosophy
- Ms. Swagata Ghosh, Department of Philosophy
- Ms. Khusboo Lepcha, Department of Microbiology
- Dr. Palash Mandal, Department of Botany
- Dr. Dipanwita Saha, Department of Bio Technology
- Dr. S. K. Rakshit, Dy. Registrar
- Mr. Surajit Das, Secretary, Sports Board
- Dr. Bibekananda Ghosh, Asst. Secretary, Sports Board-Convener

STUDENTS' GRIEVANCE REDRESSAL CELL

In order to maintain the highest level of academic bonding with the students and to uphold their levels of wisdom, the University of North Bengal has always been in the quest of inculcating and nurturing an environment, where they can freely interact with the officers, staff-members and teachers of the University in any matter related to their academic or non-academic pursuits. Over the years, such a practice has become a part of the student management system and the University became keen to know if any student suffers from any form of discontent or dissatisfaction in any academic or non-academic matter and is able to express his concern to the University authority to redress it.

As a part of this gesture and in compliance with the University Grants Commission (Redress of Grievances of Students) Regulations – 2019, the University of North Bengal formed North Bengal University Students' Grievance Redressal Cell to initiate a student-friendly Grievance Redressal Mechanism through both the online and offline modes, where students are free to express or submit their concern with an ease.

The composition of the Students' Grievance Redressal Cell is –

Professor S.C. Roy, Head, Department of Botany, NBU

Dr. S. Sanyal, Inspector of Colleges, NBU & Secretary, Board of Residence & Discipline, NBU

Dr. Rajat Dey, Department of Physics, NBU

Prof. Ranjita Chakraborty, Department of Political Science, NBU

Prof. Sanchari Roy Mukherjee, Head Department of Economics, NBU

Dr. Zinia Mitra, Director, Centre for Women's Studies, NBU

Dr. Soumen Bhattacharjee, Department of Zoology, NBU

Dr. S. K. Rakshit, Deputy Registrar, NBU

Smt. Shankari Chakraborty, Assistant Controller of Examinations, NBU

TRAINING AND PLACEMENT CELL

The main endeavor of the Training and Placement Cell of University of North Bengal is to get students placed in reputed multinationals, government organizations, NGO's and the private sector. All students registered with NBU are provided with placement assistance, counselling for employment and guidance for self/social entrepreneurship. The Training and Placement Cell also assures logistic support to the visiting companies at every stage of the placement process by making University infrastructure available to them. The University acts as an interface between the industry and the students, and primarily enable the students to select from their career options.

The Training and Placement Cell also arranges lectures and workshops on various topics like resume buildings, skill development and prospect in various industries. The composition of the Training and Placement Cell is –

Prof. Pranab Ghosh, Professor, Department of Chemistry	Advisor
Dr. Prajnamita Dasgupta, Scientific Officer, USIC	Convener
Sri Sumit Ray, Assistant Professor, Department of English	Co-Convener
Sri Anirban Biswas, System Manager, CIRM	Member
Dr. Sajal Das, Associate Professor, Department of Chemistry	Member
Sri Sanmoy Mallick, Assistant Professor, Department of Management	Member
Dr. Mukta Majumder, Asst. Professor, Dept. of Computer Sc. and App.	Member
Dr. Sujit Biswas, Associate Professor, Department of Law	Member
Dr. Chandra Ghosh, Associate Professor, Department Tea Science	Member

MISCELLANEOUS FACILITIES

Apart from the facilities discussed before, some more miscellaneous facilities are also provided to the students for quality education, campus safety as well as to cope up with the technological advancements being undergoing across the globe. Few of such facilities are -

a. Modern Classrooms:

In order to ensure quality and effective education, the University of North Bengal had been established 33 numbers of Smart Classroom under RUSA scheme in various academic Departments. The University has also set up virtual classroom in 25 Departments to enhance online learning environment which allows for live interaction between the faculty and the students as they are participating in learning activities. In other words, the virtual classroom is a shared online space where the students and the teacher work together simultaneously.

b. Computer Facility:

The Computer Laboratories in the various Departments are well equipped connected with digital library. Latest system and application softwares are available in the laboratories. Through E-connectivity facility students can access latest books of journals of their interest for their academic benefits with the help of e-platforms.

c. Internet Facility:

CIRM provides 1 Gbps leased line (1:1) from BSNL under National Mission for Education through Information & Communication Technologies (NMEICT) project of MHRD. NBU has another 300 Mbps of Internet bandwidth from Vodafone ISPs and integrated to give seamless access from both the ISPs. NBU has a hardware firewall (SOPHOSE) that both protects the NBU network from outside hackers, and in addition can balance the load and also works for filtering unnecessary traffic, streamlining traffic by specifying priorities, and blocking unwanted sites.

A phase-wise installation of Wi-Fi system is in progress to the strategically identified locations of the campus. The plan is to make the internet accessible to located at any corner of the campus. As of now, the Wi-Fi facility is available at all hostels, library, guest houses, administrative buildings and some of academic Department and Centre. All stakeholders including Students, Scholars, Faculties, Officers and Non-teaching staffs avail the facility using their individual authentication token.

d. CCTV Surveillance:

In order to ensure safety and security without affecting the privacy of individuals, a sophisticated and intelligent IP Based CCTV Surveillance system has been installed at every geographical corner of the University campus including at the entrance and exit point of sites

and buildings. The system is based on Client-Server architecture. A total No of 200+ cameras are in operation 24x7 and live feeds are being monitored from a central control facility under the supervision of University Watch and Ward Department.

e. Canteen:

There is canteen facility in the University where the students and staff of the university can buy food at an affordable rate. A variety of snacks including meals during lunch hours is available for students and staff. The canteen is operated by outside agency which functions during the working hours of the University. The seating capacity of the canteen is 30. University provides furniture, refrigerator, gas, purified water & electric supply to the agency.

f. Sports and Gymnasium:

The University believes in all round growth of the students and as a consequence the students participate in different sports and games activities of the University. A sports complex named 'Khela Ghar' is dedicated for the use of students with multi-gym, badminton courts and table tennis boards. There are two big playgrounds available for the students for outdoor sports. The Sports Board of the University provides coaching facilities to the athletes and also organizes various sports events throughout the year.

g. Auditorium:

A state of the art modern auditorium of the University, named 'Rabindra Bhanu Manch', is available for cultural activities by the University stakeholders including students. The seating capacity of the auditorium is approximately 500. For even bigger cultural gatherings, the University has another auditorium named 'Vidyasagar Manch' having seating capacity of 1000 approximately.

h. Bank and Post Office:

A branch of the State Bank of India named NBU Branch is situated within the University campus near Gate 2A on rent, which facilitates financial transaction by the University stakeholders. There is an ATM kiosk beside the branch having facility for withdrawal, deposit and pass-book printing. Another ATM is available in the Administrative Building.

A Post Office is also located within University campus near Gate 2A. Numbers of post boxes are placed by the post office within the campus to facilitate postal activities.

CHAPTER – IX
SERVICES AND AMENITIES

BASIC FACILITIES FOR WOMEN

About the Facility:

Basic Facilities for Women, UGC Merged Scheme was commenced on the 14th January, 2009. Under this scheme two common rooms; one for Girl Students and another for Lady Teachers of this University; are allocated by the University in the Second Floor of the Humanities Building for the purpose of refreshment and recreation. The common rooms have the following facilities –

Item	Numbers
Sick bed	2
First-Aid Box with necessary medicines & items	2
Carom Boards	2
Chess	2 sets
Chinese- Checker	2 sets
Tennis Racket with Net	2 sets
Colored Televisions with table	2
Computers with tables	2
Refrigerators	2
Aqua-guard for drinking water	1
Mirrors	1
Steel Armed Chairs	40
Steel Framed Tables	10

Every working day girl students of various Departments use the Common room for refreshment and recreation. They play Carom, Chess, Chinese -Checker, Tennis etc.

One Lady Attendant engaged on contract takes care of the girl students, sick girls and also items as mentioned above.

Sometimes the Centre for Women Studies and the Department of Bengali use this room as a venue for organizing Seminar, Certificate Courses, etc.

CENTRE FOR DAIFFERNTLY ABLED PERSONS

About the Centre:

The Centre for Differently Abled Persons (CDAP), University of North Bengal is the only centre of its kind in the entire North Bengal region. The Centre focuses on the redressing issues of discrimination and exclusion of differently abled persons primarily students and employees of the University of North Bengal. The Centre by its activities promotes inclusion among diversities without any discrimination. In short, it is an effective platform for their career advancement as well as successfully harmonizing among themselves. This Centre is a prime example of harmony and brotherhood based on the principle of mutual respect.

The activities are monitored through personal contact programs to redress various problems and suggest ways of improvement. The motto of the Centre is to support them by providing required facilities such as computer, braille, mental support, hearing machine, awareness programmes, seminars, workshops, etc.

The goal of the Centre is capacity building among the differently abled students attending the Centre, make them skill oriented so that they can acquire abilities to read, write, hearing and so on. In short, they can express their views with dignity.

Contact Details:

Name and Designation

Email

Dr. Samar Kumar Biswas

Professor, and

Coordinator, CDAP

samarkumarbiswas@nbu.ac.in

DAY CARE CENTRE

Day Care Centre, North Bengal University was established in the month of June, 2008, with UGC-grant under merged scheme. The centre is now a fully equipped facility for the children of the teachers and employees of the University. Several teachers and employees have availed the facility during the last thirteen years.

Due to COVID 19 the service could be not given to the children during 2020 -2021. Presently, the centre is undergoing renovation works, and as soon the Centre is ready after renovation work, it will be opened for the service to the children.

INTERNAL COMPLAINTS COMMITTEE

The Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013 is a legislative Act that seeks to protect women from sexual harassment at their place of work. Taking this into account, the North Bengal University has set up the Complaint Committee for Prevention of Sexual Harassment with the objective to uphold women's right to protection against sexual harassment and for the prevention and redressal of sexual harassment; to promote a social, physical and psychological environment that will raise awareness about and deter acts of sexual harassment of women; to organize gender sensitization programmes; and, to deal with cases of discrimination and sexual harassment against women, in a time-bound manner. The Cell was earlier known as Sexual Harassment Cell which was later renamed as Internal Complaints Committee in 2016 following the UGC Notifications.

The University is committed to ensuring women's safety, gender sensitiveness and substantive gender equality, safe campus and workplace. The University is also committed to zero tolerance in the matter of sexual harassment. The Committee is composed of a Presiding Officer along with two Teacher Members, two Non-Teaching Members and two Students' Representatives. Apart from the members there is a Convener and Joint Convener.

The present composition of the ICC is –

Presiding Officer	Prof. Sushma Rohatgi, Department of Political Science, NBU
Two Faculty Members	1. Prof. Shilpi Ghosh, Department of Bio-technology, NBU 2. Dr. Zinia Mitra, Department of English, NBU
Non-Teaching Employees	1. Smt. Sharmistha Das, Deptt. of History, NBU 2. Smt. Priyanka Roy, Deptt. of Philosophy, NBU
Students (UG / PG / Research Scholar)	1. Smt. Sriradha Ganguli, Deptt. of Bio-technology, NBU 2. Smt. Shrestha Chakraborty, Deptt. of Philosophy, NBU
C.W.S representative as Non-Govt. Organization	Smt. Maitreyi Ghosh, Trickle Up. NBO, Kolkata
Convener	The Secretary, FC for P.G. Studies in Science, NBU
Jt. Convener	The Secretary, Under Graduate Council, NBU

REMEDIAL COACHING SCHEME

Introduction:

Remedial Coaching Scheme for Scheduled Caste and Scheduled Tribe students has been introduced by the North Bengal University during the financial year 2005- 2006 on the basis of approval of the UGC for University's proposal to start the scheme under the 10th plan guidelines for special schemes in the Universities for Scheduled Caste and Scheduled Tribe students. The Executive Council of North Bengal University, after the UGC approval decided to proceed with the programme of coaching scheme in March, 2005, with a view to enhancing the capability of Schedule Caste and Schedule Tribe students who constitute almost one- third of the total students' strength of the University.

University of North Bengal has well equipped infrastructures to provide remedial coaching to the students belonging to marginalized social groups and is not able to cope up with regular classroom teaching and not so motivated. Under the remedial coaching scheme, the university provides counselling and coaching to students at free of cost to prepare the students for Entry to Services, UGC and CSIR NET/SET examinations. The centre also provides free training and coaching to spoken English and other soft skill to its students.

Infrastructural Facilities:

The coaching scheme at present has the following facilities/equipment sanctioned by the UGC and/or provided by the University:

- One photo-copiers
- Two computers
- One laser printer
- One public-address system with amplifier
- One LCD Projector with Screen
- One laptop

In addition, the Coaching Scheme also is in possession of a small library to cater the needs of the students. The library contains books on general knowledge/studies well as on specialized areas.

Faculty Position:

In accordance with the UGC guidelines the scheme does allow neither permanent faculty members nor permanent support staff. The staff pattern Comprises One Coordinator (part-time), one part-time Office Assistant and one part-time Office peon. However, teachers belonging to various Departments are involved in imparting instructions and training under the coaching scheme.

Due to the spread of COVID 19, no classes under this scheme was held in 2020 – 2021.

CHAPTER – X
FINANCIAL REPORT

**UNIVERSITY OF NORTH BENGAL
RAJA RAMMOHANPUR, DARJEELING
CONSOLIDATED BALANCE SHEET
AS ON 31/03/2021**

LIABILITIES	Sched ule	Previous Year (₹)	Amount (₹)	Current Year (₹)	ASSETS	Sched ule	Amount (₹)	Previous Year (₹)	Amount (₹)	Current Year (₹)
General (Main) Fund A/c - NBU					Fixed Assets	6		1,671,444,728.05		1,745,037,325.45
Revenue		186,216,274.42		(175,267,037.42)						
Capital		146,133,048.83		122,054,855.83	Capital Work-in-Progress	10		107,635,126.00		82,888,435.00
General (Main) Fund - NBUMC A/c					Investment	7		1,789,261,562.00		1,959,166,626.00
Revenue		101,566.93		101,566.93						
Capital		840,998.02		840,998.02						
General Reserve Fund - NBU		253,434,715.67		243,145,320.23						
Capital Assets Fund	9	1,671,444,729.06		1,745,037,325.45	Loans & Advances	2		89,868,415.64		65,394,692.64
Projects & Schemes Fund										
UGC Projects Account										
General		1,289,130.85		1,289,130.85						
Capital		(42,852,351.24)		(42,700,607.24)	Cash at Bank	6	532,976,567.12		334,694,802.89	
Project & Scheme	3	(3,346,632.63)		(3,583,632.63)	Treasury	6	322,374,099.09		397,530,262.09	
Non-UGC Projects Account					SBI Collection A/c		599.50		599.50	
General		717,842.00		717,842.00						
Projects & Schemes	3	40,053,396.34		26,297,167.20				865,353,245.71		732,225,624.48
C.S.I.R. Account										
General		658,341.00		677,430.00						
Research Project Fund	3	(100,247.61)		(121,473.61)						
Research Scholar Fund	3	(433,435.86)		(311,768.86)						
UGC SAP Account										
General		199,974.00		199,974.00						
N.S.S. Account										
General		5,062,478.00		5,533,076.00						
Projects & Schemes	3	29,681.00		49,681.00						
NAIP Account										
ICAR Project	3	(63,633.00)		(62,755.00)						
UGC HRDC Account										
Projects & Schemes	3	(4,970,487.50)		(7,750,530.50)						
Earmarked Fund										
University Innovative Programme A/c										
General		(564,184.28)		(467,333.29)						
Projects & Programmes	3	5,085,155.00		5,085,155.00						
Development of Infra. Fac. Fund A/c										
General		463,219,706.99		478,711,311.49						
Capital		1,357,752.00		1,357,752.00						
Total C/F		2,471,081,869.13		2,406,827,247.45	Total C/F			4,613,563,076.40		4,684,510,795.57

LIABILITIES	Sche date	Previous Year (₹)	Amount (₹)	Current Year (₹)	ASSETS	Sche date	Amount (₹)	Previous Year (₹)	Amount (₹)	Current Year (₹)
Total BF		2,471,081,888.13		2,480,827,247.45	Total BF			4,513,583,878.40		4,584,610,705.57
Endowment Fund A/c		1,909,221.00		1,909,221.00						
Pension & Gratuity Fund A/c		1,000,476,931.82		1,080,811,005.62						
E.P.F Account		341,752,293.09		416,876,027.09						
SBD Fund Account		36,787,138.34		41,373,644.64						
Self Financed Courses Fund										
Misc. Self Financed Courses A/c		3,391,906.00		3,671,375.00						
Jt. Self Financed Courses A/c		74,589,431.58		76,221,073.89						
Prof. N.H.C. For M.S. Courses A/c		8,748,938.00		8,940,801.00						
D.D.E. Account		353,332,973.29		344,382,794.74						
Other Fund										
CIT DBT Account		77,358.93		79,485.93						
NBU Jalpaiguri Campus A/c										
General		(1,251,379.87)		(996,362.87)						
Capital		28,568,480.00		28,568,480.00						
RUSA Fund Account										
General		9,235,402.00		10,985,906.00						
Capital		75,985,032.00		68,825,845.00						
Current Liabilities & Provision	4	111,486,428.08		104,716,905.08						
Loan (Liability)	5	279,053.00		337,256.00						
		4,513,563,878.40		4,584,610,705.57				4,513,563,878.40		4,584,610,705.57

Sd/-
(D. Basak)
Sr. Assistant

Sd/-
(S. Das)
Dy Finance Officer

Sd/-
(Dr. S. N. Saha)
Jt. Finance Officer
& Finance Officer (Offg.)

UNIVERSITY OF NORTH BENGAL
RAJA RAMMOHANPUR, DARJEELING
CONSOLIDATED INCOME & EXPENDITURE ACCOUNT
For the Period from 31/03/20 to 31/03/21

EXPENDITURE	2019 - 2020		2020 - 2021		INCOME	2019 - 2020		2020 - 2021	
	Rs.	AMOUNT	Rs.	AMOUNT		Rs.	AMOUNT	Rs.	AMOUNT
To Revenue Expenditure					By Revenue Income				
NBU General (Main) Fund	1,000,277,348.43		1,224,584,379.44		NBU General (Main) Fund	870,851,625.00		1,146,003,622.00	
NBU C.S.I.R.	-		-		NBU C.S.I.R.	-		19,089.00	
NBU N.S.S.	70,719.00		52,488.00		NBU N.S.S.	618,315.00		523,063.00	
NBU UP Fund	16,200.00		-		NBU UP Fund	273,216.00		96,851.00	
NBU Develop. of Infra. Fac. Fund	-		2,993,868.50		NBU Dev. of Infra.Fac.Fund	66,374,497.00		5,818,128.00	
NBU Misc.Self Financed Courses	-		-		NBU Endowment Fund	48,652.00		207,889.00	
NBU Jt. Self Financed Courses	2,994,636.00		4,888,348.60		NBU Pension & Gratuity Fund	69,374,368.00		70,334,074.00	
NBU Prof. N.H.C. For M.S. Courses	-		-		NBU Misc.Self Financed Courses	74,218.00		279,469.00	
NBU DCE	36,776,917.00		31,306,894.00		NBU Jt. Self Financed Courses	14,467,584.00		6,637,801.00	
NBU Endowment Fund	-		-		NBU Prof. N.H.C.M.S. Courses	212,458.00		191,863.00	
NBU E.P.F.	-		-		NBU DCE	26,783,258.00		24,997,229.45	
NBU Jalpaiguri Campus	-		-		NBU Jalpaiguri Campus	451,317.00		255,017.00	
NBU RUSA Fund	-		-		NBU RUSA Fund	2,100,049.00		1,750,504.00	
NBU SRD Fund	70,500.00	1,040,206,329.43	436,618.00	1,204,349,672.54	NBU E.P.F.	22,418,705.00		25,289,441.00	
					NBU CIT DBT	2,575.00		2,127.00	
					NBU SRD Fund	4,000,918.00		3,037,121.00	
To Transferred to:							1,078,057,810.00		1,285,733,268.48
Capital Fund	13,212,290.00		5,273,927.00						
Pension & Gratuity Fund	-		10,000,000.00						
Sports Board Development Fund	-		1,976,000.00		By Transferred from General Reserve				
General Reserve Fund	-	13,212,290.00	3,820,078.58	21,670,005.58	Fund for the Deficits on Non-Salary		55,638,555.72		
					Account				
To Contribution to DIF Fund from									
NBU General Fund	-		10,000,000.00						
NBU Misc.Self Financed Courses	-		-						
NBU Jt. Self Financed Courses	-		-						
NBU DCE	368,623.00	368,623.00	2,241,906.00	12,241,906.00					
To Contribution to NBU General Fund from									
NBU Endowment Fund	-		48,652.00	307,889.00					
To Net Surplus		79,860,486.29		(12,135,994.65)					
		1,133,696,371.72		1,285,733,258.45			1,133,696,371.72		1,285,733,258.45

Sd/-
(D. Dasgupta)
Sr. Assistant

Sd/-
(S. Das)
Dy Finance Officer

Sd/-
(Dr. S. N. Saha)
Jt. Finance Officer
& Finance Officer (Offg.)

UNIVERSITY OF NORTH BENGAL
RAJA RAMMOHANPUR, DARJEELING
CONSOLIDATED RECEIPTS & PAYMENT ACCOUNT
For the year ended 31.3.2021

Receipts	Schedule	Amount (₹)	Previous Year (₹)	Amount (₹)	Current Year (₹)	Payments	Schedule	Amount (₹)	Previous Year (₹)	Amount (₹)	Current Year (₹)
To Opening Balance:						By Revenue Payments	1		1,080,206,320.43		1,264,349,672.54
Cash at Bank	6	628,253,058.15		532,978,587.12		By Capital Payments	1		109,009,003.60		63,267,396.00
Treasury	6	289,536,260.00		322,374,099.09		By Loans & Advances	2		75,553,892.00		58,850,049.00
SBI Collection A/c		559.50	816,789,877.74	559.50	855,363,245.71	By Payments on Projects	3		28,153,136.00		31,313,139.14
To Revenue Receipts	1		1,078,057,816.00		1,285,733,258.45	By Investment	7		1,574,818,034.00		1,206,646,324.00
To Capital Receipts	1		157,247,728.00		107,583,408.00	By Current Liabilities	4		196,674,850.00		221,832,871.00
To Recovery of Advances	2		42,036,629.00		63,323,772.00	By Loan (Liability)	5		-		-
To Receipts on Projects	3		41,053,852.00		14,690,586.00	By Capital Work-in-Progress	10		-		-
To Investments	7		1,438,835,420.00		1,036,741,258.00	By Closing Balance					
To Current Liabilities	4		200,537,449.00		215,061,347.00	Cash at Bank	6	532,978,587.12		334,694,802.89	
To Loan (Liability)	5		-		58,203.00	Treasury	6	322,374,099.09		397,530,262.09	
						SBI Collection A/c		559.50	855,363,245.71	559.50	732,225,624.48
			3,679,968,571.74		3,598,485,078.16				3,679,968,571.74		3,598,485,078.16

Sd/
(D. Bose)
Sr. Assistant

Sd/
(S. Das)
Dy Finance Officer

Sd/
(Dr. S. N. Saha)
Jt. Finance Officer
& Finance Officer (Offg.)

CHAPTER – XI
APPOINTMENTS & RETIREMENTS

New Appointments:

A. Teachers

Name	Designation	Department	Date of Joining
Dr. Gangotree Ghosh (UR)	Associate Professor	Commerce	05.02.2021
Dr. Prakriti Adhikary (SC)	Assistant Professor	Physics	01.02.2021
Dr. Sripada Haldar (SC)	Professor	Physics	01.02.2021
Dr. Jayanta Nanda (UR)	Assistant Professor	Chemistry	10.02.2021
Dr. Kiran Pradhan	Associate Professor	Chemistry	24.02.2021
Dr. Kinkar Biswas	Associate Professor	Chemistry	05.03.2021
Dr. Sujay Kr. Biswas (SC)	Assistant Professor	Mathematics	12.02.2021
Md. Ajij	Assistant Professor	Computer Science & Application	12.02.2021
Dr. Sidhartha Sankar Laha	Associate Professor	Life Long Learning & Extension	10.02.2021
Dr. Mossaraf Hossain (OBC-A)	Assistant Professor	HRDC	19.08.2020
Dr. Sanjib Bhattacharya (UR)	Associate Professor	HRDC	02.09.2020
Dr. Anjan Chakraborty	Professor	HRDC	16.08.2020
Dr. Bapi Roy Sarkar	Associate Professor	Pharmaceutical Technology	19.02.2021
Dr. John. J. George	Associate Professor	Bio-Informatics	01.03.2021

B. Officers

Name	Designation	Date of Joining
Sri. Lalan Kr. Choudhary	Accounts Officer, Jalpaiguri Campus	07.12.2020
Sri. Uttam Nunia	Superintendent, Press	07.12.2020
Sri. Kunal Chowdhury	Assistant Engineer	09.12.2020
Dr. Biswajit Dutta	Asst. Controller of Examination, Jalpaiguri Campus	10.12.2020

Retirement:

Staff Category	Sl. No.	Name and Designation	Date of Retirement
Teacher		Nil	
Officer	1	Dr. Dilip Kr. Sarkar, Registrar	31.01.2021
	1	Krishna Chakraborty	30.04.2020
	2	Kalimohan Barman	31.03.2021
	3	Bhajan Sutradhar	31.01.2021
	4	Bijoy Kr. Sarkar	28.02.2021
	5	Sarita Chhetri	31.07.2020
	6	Balaram Kundu	28.02.2021
Non-Teaching	7	Ratan Kr. Das	30.11.2020
	8	Bachchu Ch. Dey	30.06.2020
	9	Jitwan Biswakarma	31.03.2021
	10	Kalicharan Barman	30.09.2020
	11	Kalu Barman	28.02.2021
	12	Kisore Dorjee	30.04.2020
	13	Sunil Kr. Singha	31.01.2021

CHAPTER – XII
AFFILIATED COLLEGES

Name of Colleges Affiliated to the University of North Bengal and Teachers Strength:

Sl. No.	Name of the College	No. of Teachers
1.	Ananda Chandra College	124
2.	Ananda Chandra College of Commerce	25
3.	P.D. Women's College	70
4.	Birpara College	16
5.	Jalapiguri Law College	15
6.	Falakata College	36
7.	Alipurduar College	45
8.	Parimal Mitra Smiriti Mahaviyadalaya	44
9.	Sukanta Mahavidyalaya	70
10.	Vivekananda College	14
11.	Saheed Kshudiram College	16
12.	Nani Bhattacharjee Smarak Mahavidyalaya	24
13.	Maynaguri College	50
14.	North Bengal St. Xavier's College	41
15.	Alipurduar Mahila Mahavidyalaya	23
16.	Model B.P.Ed. College	12
17.	Rajganj College	26
18.	Samuktala Sidhu Kanhu College	16
19.	Darjeeling Govt. College	110
20.	Kalimpong College	61
21.	Bijanbari Degree College	07
22.	Kurseong College	50
23.	St. Joseph's College	85
24.	Cluny Women's College	35
25.	Southfield College	38
26.	Siliguri College	99
27.	Siliguri College of Commerce	14
28.	Salesian College	111
29.	Siliguri Mahila Mahavidyalaya	31
30.	Sonada Degree College	21
31.	Kalipada Ghosh Terai Mahavidyalaya	53
32.	Surya Sen Mahavidyalaya	60
33.	Mirik Degree College	19
34.	Ghoom Jorebunglow Degree College	28
35.	Gyanjyoti College	25

Sl. No.	Name of the College	No. of Teachers
36.	Nakshalbari College	29
37.	Munshi Premchand Mahavidyalaya	23
38.	Acharya Prafulla Chandra Roy Govt. College	43
39.	Indian Institute of Legal Studies	10
40.	University B.T. & Evening College	43
41.	Islampur College	56
42.	Chopra kamala Paul Smriti Mahavidyalaya	12
43.	Dhupguri Girls' College	15
44.	Lilabati Mahavidyalaya	20
45.	Banarhat Kartik Oraon Hindi Government College	13
46.	Government General Degree College, Gorubathan	13
47.	Govt. General Degree College, Pedong	10
48.	Pijush Kanti Mukherjee Mahavidyalaya	10
49.	Ghoshpukur College	27
50.	Birsa Munda College	11
Total		1849

Name of the Affiliated Non-Government Colleges:

Sl. No.	Name of the College
1.	Ananda Chandra College
2.	Ananda Chandra College of Commerce
3.	P.D. Women's College
4.	Birpara College
5.	Jalapiguri Law College
6.	Falakata College
7.	Alipurduar College
8.	Parimal Mitra Smiriti Mahaviydalaya
9.	Sukanta Mahavidyalaya
10.	Vivekananda College
11.	Saheed Kshudiram College
12.	Nani Bhattacharjee Smarak Mahavidyalaya
13.	Maynaguri College
14.	North Bengal St. Xavier's College
15.	Alipurduar Mahila Mahavidyalaya

Sl. No.	Name of the College
16.	Model B.P.Ed. College
17.	Rajganj College
18.	Samuktala Sidhu Kanhu College
19.	Kalimpong College
20.	Bijanbari Degree College
21.	Kurseong College
22.	St. Joseph's College
23.	Cluny Women's College
24.	Southfield College
25.	Siliguri College
26.	Siliguri College of Commerce
27.	Salesian College
28.	Siliguri Mahila Mahavidyalaya
29.	Sonada Degree College
30.	Kalipada Ghosh Terai Mahavidyalaya
31.	Surya Sen Mahavidyalaya
32.	Mirik Degree College
33.	Ghoom Jorebunglow Degree College
34.	Gyanjyoti College
35.	Nakshalbari College
36.	Munshi Premchand Mahavidyalaya
37.	Indian Institute of Legal Studies
38.	University B.T. & Evening College
39.	Islampur College
40.	Chopra kamala Paul Smriti Mahavidyalaya
41.	Dhupguri Girls' College
42.	Lilabati Mahavidyalaya
43.	Pijush Kanti Mukherjee Mahavidyalaya
44.	Ghoshpukur College
45.	Birsa Munda College

CHAPTER – XIII
EXAMINATION RESULTS

U.G. Examinations, 2020
(System of Examination – Annual)

Sl. No.	Name of Examination	Examination Dates		Result Published on	No. of Candidates Appeared	% Qualified
		Start	End			
1.	B.A. Part-I (H)	23.11.2020	08.12.2020	14.01.2021	166	89.16
2.	B.A. Part-I (G)	23.11.2020	08.12.2020	14.01.2021	1625	78.34
3.	B.A. Part-II (H)	23.11.2020	08.12.2020	14.01.2021	1315	92.78
4.	B.A. Part-II (G)	23.11.2020	08.12.2020	14.01.2021	3108	86.23
5.	B.A. Part-III (H)	01.10.2020	05.10.2020	29.10.2020	7797	99.47
6.	B.A. Part-III (G)	01.10.2020	06.10.2020	29.10.2020	17022	94.68
7.	B.Sc. Part-I (H)	23.11.2020	08.12.2020	14.01.2021	94	96.01
8.	B.Sc. Part-I (G)	23.11.2020	08.12.2020	14.01.2021	69	92
9.	B.Sc. Part-II (H)	23.11.2020	08.12.2020	14.01.2021	294	89.12
10.	B.Sc. Part-II (G)	23.11.2020	08.12.2020	14.01.2021	95	92.63
11.	B.Sc. Part-III (H)	01.10.2020	05.10.2020	29.10.2020	971	99.90
12.	B.Sc. Part-III (G)	01.10.2020	06.10.2020	29.10.2020	381	100
13.	B.Com. Part-I (H)	23.11.2020	08.12.2020	14.01.2021	21	80.95
14.	B.Com. Part-I (G)	23.11.2020	08.12.2020	14.01.2021	123	90.24
15.	B.Com. Part-II (H)	23.11.2020	08.12.2020	14.01.2021	197	95.94
16.	B.Com. Part-II (G)	23.11.2020	08.12.2020	14.01.2021	121	91.74
17.	B.Com. Part-III (H)	01.10.2020	05.10.2020	29.10.2020	629	98.89
18.	B.Com. Part-III (G)	01.10.2020	06.10.2020	29.10.2020	747	98

H: Honours

G: General

U.G. Examinations, 2020
(System of Examination – CBCS)

Sl. No.	Name of Examination	Examination Dates		Result Published on	No. of Candidates Appeared	% Qualified
		Start	End			
1.	B.A. (H) 1 st Sem	16.03.2021	19.03.2021	30.04.2021	13304	95.2
2.	B.A. (H) 2 nd Sem	14.12.2020	19.12.2020	11.02.2021	10790	94.87
3.	B.A. (H) 3 rd Sem	08.03.2021	14.03.2021	30.04.2021	10515	92.24
4.	B.A. (H) 4 th Sem	14.12.2020	19.12.2020	11.02.2021	8402	96.20
5.	B.A. (H) 5 th Sem	08.03.2021	15.03.2021	30.04.2021	8355	96.76
6.	B.Sc. (H) 1 st Sem	16.03.2021	19.03.2021	30.04.2021	1876	96.43
7.	B.Sc. (H) 2 nd Sem	14.12.2020	19.12.2020	11.02.2021	1500	97.53

Sl. No.	Name of Examination	Examination Dates		Result Published on	No. of Candidates Appeared	% Qualified
		Start	End			
8.	B.Sc. (H) 3 rd Sem	08.03.2021	14.03.2021	30.04.2021	1485	90.51
9.	B.Sc. (H) 4 th Sem	14.12.2020	19.12.2020	11.02.2021	1300	99.23
10.	B.Sc. (H) 5 th Sem	08.03.2021	15.03.2021	30.04.2021	1296	98.77
11.	B.Com.(H) 1 st Sem	16.03.2021	19.03.2021	30.04.2021	1395	94.12
12.	B.Com.(H)2 nd Sem	14.12.2020	19.12.2020	11.02.2021	1030	93.59
13.	B.Com.(H) 3 rd Sem	08.03.2021	14.03.2021	30.04.2021	1284	95.48
14.	B.Com.(H) 4 th Sem	14.12.2020	19.12.2020	11.02.2021	822	98.42
15.	B.Com.(H) 5 th Sem	08.03.2021	15.03.2021	30.04.2021	818	96.21
16.	B.A. (P) 1 st Sem	16.03.2021	19.03.2021	30.04.2021	43269	82.71
17.	B.A. (P) 2 nd Sem	14.12.2020	19.12.2020	11.02.2021	31490	79.49
18.	B.A. (P) 3 rd Sem	08.03.2021	14.03.2021	30.04.2021	28357	81.18
19.	B.A. (P) 4 th Sem	14.12.2020	19.12.2020	11.02.2021	17275	80.74
20.	B.A. (P) 5 th Sem	08.03.2021	15.03.2021	30.04.2021	16600	76.61
21.	B.Sc. (P) 1 st Sem	16.03.2021	19.03.2021	30.04.2021	843	90.04
22.	B.Sc. (P) 2 nd Sem	14.12.2020	19.12.2020	11.02.2021	702	94.30
23.	B.Sc. (P) 3 rd Sem	08.03.2021	14.03.2021	30.04.2021	680	90.88
24.	B.Sc. (P) 4 th Sem	14.12.2020	19.12.2020	11.02.2021	525	97.52
25.	B.Sc. (P) 5 th Sem	08.03.2021	15.03.2021	30.04.2021	523	95.60
26.	B.Com.(P) 1 st Sem	16.03.2021	19.03.2021	30.04.2021	1963	81.81
27.	B.Com.(P) 2 nd Sem	14.12.2020	19.12.2020	11.02.2021	1294	80.60
28.	B.Com. (P) 3 rd Sem	08.03.2021	14.03.2021	30.04.2021	1492	81.23
29.	B.Com. (P) 4 th Sem	14.12.2021	19.12.2020	11.02.2021	1001	91.71
30.	B.Com. (P) 5 th Sem	08.03.2021	15.04.2021	30.04.2021	997	83.85
31.	B.P. Ed. 2 nd Sem	14.12.2020	19.12.2020	18.02.2021	40	37.5
32.	B.P. Ed. 4 th Sem	01.10.2020	04.10.2020	23.10.2020	49	83
33.	B.C.A. 1 st Sem	16.03.2021	19.03.2021	30.04.2021	238	80.67
34.	B.C.A. 2 nd Sem	14.12.2020	19.12.2020	11.02.2021	172	95.93
35.	B.C.A. 3 rd Sem	08.03.2021	14.03.2021	30.04.2021	177	95.48
36.	B.C.A. 4 th Sem	14.12.2020	19.12.2020	11.02.2021	106	97.17
37.	B.C.A. 5 th Sem	08.03.2021	15.03.2021	30.04.2021	105	83.81
38.	B.B.A. (H) 1 st Sem	16.03.2021	19.03.2021	30.04.2021	266	95.86
39.	B.B.A. (H) 2 nd Sem	14.12.2020	19.12.2020	11.02.2021	257	94.16
40.	B.B.A. (H) 3 rd Sem	08.03.2021	14.03.2021	30.04.2021	271	94.10
41.	B.B.A. (H) 4 th Sem	14.12.2020	19.12.2020	11.02.2021	192	98.44
42.	B.B.A. (H) 5 th Sem	08.03.2021	15.03.2021	30.04.2021	192	97.40
43.	B.B.A. (P) 1 st Sem	16.03.2021	19.03.2021	30.04.2021	57	94.74

Sl. No.	Name of Examination	Examination Dates		Result Published on	No. of Candidates Appeared	% Qualified
		Start	End			
44.	B.B.A. (P) 2 nd Sem	14.12.2020	19.12.2020	11.02.2021	44	100
45.	B.B.A. (P) 3 rd Sem	18.03.2021	19.03.2021	30.04.2021	51	100
46.	B.B.A. (P) 4 th Sem	14.12.2021	19.12.2021	11.02.2021	40	100
47.	B.B.A. (P) 5 th Sem	08.03.2021	15.03.2021	30.04.2021	40	100
48.	BLIS 1 st Sem	22.03.2021	01.04.2021	28.07.2021	58	100
49.	BLIS 2 nd Sem	07.07.2021	20.07.2021	01.09.2021	51	100

P: Programme

U.G. Examinations, 2020
[System of Examination – CBCS (under D.E. Mode)]

Sl. No.	Name of Examination	Examination Dates		Result Published on	No. of Candidates Appeared	% Qualified
		Start	End			
01.	B.A. (P) 1 st Sem	18.03.2020	23.03.2020	31.12.2020	23	100
02.	B.A. (P) 2 nd Sem	18.01.2021	28.01.2021	24.03.2021	17	100
03.	B.A. (P) 3 rd Sem	28.10.2020	02.11.2020	12.11.2020	13	100
04.	B.A. (P) 4 th Sem	05.02.2021	13.02.2021	24.03.2021	13	100
05.	B.Com.(P) 1 st Sem	18.03.2020	23.03.2020	31.12.2020	01	100
06.	B.Com.(P) 2 nd Sem	18.01.2021	28.01.2021	24.03.2021	02	100
07.	B.Com. (P) 3 rd Sem	28.10.2020	02.11.2020	12.11.2020	01	100
08.	B.Com. (P) 4 th Sem	05.02.2021	13.02.2021	24.03.2021	01	100

U.G. Examinations, 2020
(System of Examination – CBCS)

Sl. No.	Name of Examination	Examination Dates		Result Published on	No. of Candidates Appeared	% Qualified
		Start	End			
01.	B.A.LL.B.(H) 1 st Sem	09.03.2021	14.03.2021	21.04.2021	297	99.3
02.	B.A.LL.B.(H) 2 nd Sem	08.12.2020	24.12.2020	14.01.2021	226	100
03.	B.A.LL.B.(H) 3 rd Sem	15.03.2021	20.03.2021	21.04.2021	217	100

Sl. No.	Name of Examination	Examination Dates		Result Published on	No. of Candidates Appeared	% Qualified
		Start	End			
04.	B.A.LL.B.(H) 4 th Sem	07.12.2020	23.12.2020	14.01.2021	182	100
05.	B.A.LL.B.(H) 5 th Sem	09.03.2021	14.03.2021	21.04.2021	182	100
06.	B.A.LL.B.(H) 6 th Sem	09.12.2020	26.12.2020	14.01.2021	82	100
07.	B.A.LL.B.(H) 7 th Sem	15.03.2021	19.03.2021	21.04.2021	82	100
11.	BBA.LL.B.(H) 1 st Sem	09.03.2021	14.03.2021	21.04.2021	33	100
12.	BBA.LL.B.(H) 2 nd Sem	08.12.2020	24.12.2020	14.01.2021	41	97.56
13.	BBA.LL.B.(H) 3 rd Sem	15.03.2021	20.03.2021	21.04.2021	36	100
14.	BBA.LL.B.(H) 4 th Sem	07.12.2020	23.12.2020	14.01.2021	34	100
15.	BBA.LL.B.(H) 5 th Sem	09.03.2021	14.03.2021	21.04.2021	33	100
21.	B.Com. LL.B.(H) 1 st Sem	09.03.2021	14.03.2021	21.04.2021	39	100
22.	B.Com. LL.B.(H) 2 nd Sem	08.12.2020	24.12.2020	14.01.2021	35	100
23.	B.Com. LL.B.(H) 3 rd Sem	15.03.2021	20.03.2021	21.04.2021	35	97.14
24.	B.Com. LL.B.(H) 4 th Sem	07.12.2020	23.12.2020	14.01.2021	13	100
25.	B.Com. LL.B.(H) 5 th Sem	09.03.2021	14.03.2021	21.04.2021	12	100
31.	B.A.LL.B.(G) 1 st Sem	09.03.2021	14.03.2021	21.04.2021	125	100
32.	B.A.LL.B.(G) 2 nd Sem	08.12.2020	21.12.2020	14.01.2021	84	100
33.	B.A.LL.B.(G) 3 rd Sem	15.03.2021	20.03.2021	21.04.2021	83	100
34.	B.A.LL.B.(G) 4 th Sem	07.12.2020	17.12.2020	14.01.2021	56	100
35.	B.A.LL.B.(G) 5 th Sem	09.03.2021	12.03.2021	21.04.2021	56	100
41.	LL.B. (3 yrs.) 1 st Sem	09.03.2021	14.03.2021	21.04.2021	97	98.97
42.	LL.B. (3 yrs.) 2 nd Sem	08.12.2020	21.12.2020	14.01.2021	72	100
43.	LL.B. (3 yrs.) 3 rd Sem	15.03.2021	18.03.2021	21.04.2021	72	100
44.	LL.B. (3 yrs.) 4 th Sem	07.12.2020	17.12.2020	14.01.2021	78	100
45.	LL.B. (3 yrs.) 5 th Sem	09.03.2021	12.03.2021	21.04.2021	76	100

U.G. Examinations, 2020
(System of Examination – Non-CBCS)

Sl. No.	Name of Examination	Examination Dates		Result Published on	No. of Candidates Appeared	% Qualified
		Start	End			
01.	B.A.LL.B.(H) 1 st Sem	09.03.2021	14.03.2021	21.04.2021	-	-
02.	B.A.LL.B.(H) 2 nd Sem	08.12.2020	24.12.2020	14.01.2021	12	100
03.	B.A.LL.B.(H) 3 rd Sem	15.03.2021	20.03.2021	21.04.2021	-	-
04.	B.A.LL.B.(H) 4 th Sem	07.12.2020	23.12.2020	14.01.2021	3	100
05.	B.A.LL.B.(H) 5 th Sem	09.03.2021	13.03.2021	21.04.2021	1	100
06.	B.A.LL.B.(H) 6 th Sem	09.12.2020	19.12.2020	14.01.2021	20	95
07.	B.A.LL.B.(H) 7 th Sem	15.03.2021	19.03.2021	21.04.2021	18	100
08.	B.A.LL.B.(H) 8 th Sem	08.12.2020	18.12.2020	14.01.2021	73	100
09.	B.A.LL.B.(H) 9 th Sem	09.03.2021	12.03.2021	21.04.2021	73	100
10.	B.A.LL.B.(H) 10 th Sem	01.10.2020	04.10.2020	14.10.2020	65	100
11.	BBA.LL.B. 1 st Sem	09.03.2021	14.03.2021	21.04.2021	-	-
12.	BBA.LL.B. 2 nd Sem	08.12.2020	21.12.2020	14.01.2021	-	-
13.	BBA.LL.B. 3 rd Sem	15.03.2021	20.03.2021	21.04.2021	-	-
14.	BBA.LL.B. 4 th Sem	07.12.2020	20.12.2020	14.01.2021	2	100
15.	BBA.LL.B. 5 th Sem	09.03.2021	13.03.2021	21.04.2021	1	100
16.	BBA.LL.B. 6 th Sem	09.12.2020	19.12.2020	14.01.2021	29	100
17.	BBA.LL.B. 7 th Sem	15.03.2021	17.03.2021	21.04.2021	29	100
18.	BBA.LL.B. 8 th Sem	08.12.2020	15.12.2020	14.01.2021	25	100
19.	BBA.LL.B. 9 th Sem	09.03.2021	11.03.2021	21.04.2021	25	100
20.	BBA.LL.B. 10 th Sem	01.10.2020	04.10.2020	14.10.2020	34	100
21.	B.Com. LL.B. 1 st Sem	09.03.2021	14.03.2021	21.04.2021	-	-
22.	B.Com. LL.B. 2 nd Sem	08.12.2020	21.12.2020	14.01.2021	-	-
23.	B.Com. LL.B. 3 rd Sem	15.03.2021	20.03.2021	21.04.2021	-	-
24.	B.Com. LL.B. 4 th Sem	07.12.2020	20.12.2020	14.01.2021	2	100
25.	B.Com. LL.B. 5 th Sem	09.03.2021	13.03.2021	21.04.2021	-	-
26.	B.Com. LL.B. 6 th Sem	09.12.2020	19.12.2020	14.01.2021	32	100
27.	B.Com. LL.B. 7 th Sem	15.03.2021	17.03.2021	21.04.2021	32	100
28.	B.Com. LL.B. 8 th Sem	08.12.2020	15.12.2020	14.01.2021	25	100
29.	B.Com. LL.B. 9 th Sem	09.03.2021	11.03.2021	21.04.2021	25	100
30.	B.Com. LL.B. 10 th Sem	01.10.2020	04.10.2020	14.10.2020	24	100
31.	B.A.LL.B.(G) 1 st Sem	09.03.2021	14.03.2021	21.04.2021	1	100

Sl. No.	Name of Examination	Examination Dates		Result Published on	No. of Candidates Appeared	% Qualified
		Start	End			
32.	B.A.LL.B.(G) 2 nd Sem	08.12.2020	21.12.2020	14.01.2021	12	100
33.	B.A.LL.B.(G) 3 rd Sem	15.03.2021	20.03.2021	21.04.2021	10	100
34.	B.A.LL.B.(G) 4 th Sem	07.12.2020	20.12.2020	14.01.2021	32	100
35.	B.A.LL.B.(G) 5 th Sem	09.03.2021	13.03.2021	21.04.2021	27	100
36.	B.A.LL.B.(G) 6 th Sem	09.12.2020	19.12.2020	14.01.2021	184	100
37.	B.A.LL.B.(G) 7 th Sem	15.03.2021	17.03.2021	21.04.2021	185	100
38.	B.A.LL.B.(G) 8 th Sem	08.12.2020	15.12.2020	14.01.2021	153	100
39.	B.A.LL.B.(G) 9 th Sem	09.03.2021	11.03.2021	21.04.2021	153	100
40.	B.A.LL.B.(G) 10 th Sem	01.10.2020	04.10.2020	14.10.2020	159	100
41.	LL.B. (3 yrs.) 1 st Sem	09.03.2021	14.03.2021	21.04.2021	-	-
42.	LL.B. (3 yrs.) 2 nd Sem	08.12.2020	24.12.2020	14.01.2021	-	-
43.	LL.B. (3 yrs.) 3 rd Sem	15.03.2021	18.03.2021	21.04.2021	-	-
44.	LL.B. (3 yrs.) 4 th Sem	07.12.2020	17.12.2020	14.01.2021	6	83.33
45.	LL.B. (3 yrs.) 5 th Sem	09.03.2021	12.03.2021	21.04.2021	5	100
46.	LL.B. (3 yrs.) 6 th Sem	01.10.2020	04.10.2020	14.10.2020	61	98.36

P.G. Examinations, 2020
(System of Examination – CBCS)

Sl. No.	Name of Examination	Examination Dates		Result Published on	No. of Candidates Appeared	% Qualified
		Start	End			
01.	Anthropology 1 st Sem	22.03.2021	31.03.2021	28.06.2021	12	100
02.	Anthropology 2 nd Sem	15.12.2020	18.12.2020	12.08.2021	11	100
03.	Anthropology 3 rd Sem	22.02.2021	01.03.2021	23.03.2021	13	100
04.	Anthropology 4 th Sem	01.10.2020	04.10.2020	12.08.2021	13	92.30
05.	Bengali 1 st Sem	22.03.2021	28.03.2021	08.07.2021	205	100
06.	Bengali 2 nd Sem	15.12.2020	22.12.2020	25.08.2021	204	100
07.	Bengali 3 rd Sem	22.02.2021	05.03.2021	13.05.2021	159	100
08.	Bengali 4 th Sem	01.10.2020	06.10.2020	25.08.2021	159	100
09.	Biotechnology 1 st Sem	22.03.2021	29.03.2021	04.05.2021	09	100
10.	Biotech 2 nd Sem	15.12.2020	21.12.2020	17.08.2021	08	100
11.	Biotech 3 rd Sem	22.02.2021	26.02.2021	16.04.2021	06	100

Sl. No.	Name of Examination	Examination Dates		Result Published on	No. of Candidates Appeared	% Qualified
		Start	End			
12.	Biotech 4 th Sem	05.10.2020	05.10.2020	17.08.2021	06	100
13.	Botany (DGC) 1 st Sem	06.01.2021	11.01.2021	18.08.2021	26	100
15.	Botany (DGC) 3 rd Sem	06.01.2021	11.01.2021	18.08.2021	14	100
17.	Botany (NBU) 1 st Sem	22.03.2021	25.03.2021	21.04.2021	47	100
18.	Botany (NBU) 2 nd Sem	15.12.2020	21.12.2020	10.08.2021	40	100
19.	Botany (NBU) 3 rd Sem	22.02.2021	02.03.2021	16.03.2021	38	100
20.	Botany (NBU) 4 th Sem	01.10.2020	04.10.2020	10.08.2021	38	100
21.	Chemistry 1 st Sem	22.03.2021	30.03.2021	25.06.2021	59	100
22.	Chemistry 2 nd Sem	15.12.2020	21.12.2020	25.08.2021	53	100
23.	Chemistry 3 rd Sem	22.02.2021	28.02.2021	30.04.2021	56	100
24.	Chemistry 4 th Sem	03.10.2020	04.10.2020	25.08.2021	56	100
25.	Commerce 1 st Sem	22.03.2021	02.04.2021	28.06.2021	104	100
26.	Commerce 2 nd Sem	15.02.2020	31.12.2020	10.09.2021	73	100
27.	Commerce 3 rd Sem	22.02.2021	03.03.2021	26.04.2021	46	100
28.	Commerce 4 th Sem	01.10.2020	08.10.2020	10.09.2021	45	100
29.	Computer Sc 1 st Sem	22.03.2021	01.04.2021	09.07.2021	15	100
30.	Computer Sc 2 nd Sem	15.12.2020	28.12.2020	03.12.2021	15	100
31.	Computer Sc 3 rd Sem	22.02.2021	01.03.2021	30.04.2021	12	100
32.	Computer Sc 4 th Sem	01.10.2020	02.10.2020	23.09.2021	12	91.66
33.	Economics 1 st Sem	22.03.2021	02.04.2021	22.04.2021	36	100
34.	Economics 2 nd Sem	15.12.2020	31.12.2020	16.08.2021	31	100
35.	Economics 3 rd Sem	22.02.2021	04.03.2021	24.03.2021	21	100
36.	Economics 4 th Sem	01.10.2020	08.10.2020	16.08.2021	20	100
37.	English 1 st Sem	22.03.2021	27.03.2021	13.05.2021	215	100
38.	English 2 nd Sem	15.12.2020	26.12.2020	23.08.2021	196	100
39.	English 3 rd Sem	22.02.2021	01.03.2021	04.05.2021	168	100
40.	English 4 th Sem	03.10.2020	07.10.2020	23.08.2021	167	98.20
41.	Geography & Applied Geography 1 st Sem	22.03.2021	25.03.2021	22.04.2021	100	100
42.	Geography & Applied Geography 2 nd Sem	15.12.2020	18.12.2020	10.08.2021	98	100

Sl. No.	Name of Examination	Examination Dates		Result Published on	No. of Candidates Appeared	% Qualified
		Start	End			
43.	Geography & Applied Geography 3 rd Sem	22.02.2021	25.02.2021	23.03.2021	89	100
44.	Geography & Applied Geography 4 th Sem	01.10.2020	04.10.2020	10.08.2021	89	97.75
45.	Hindi 1 st Sem	22.03.2021	30.03.2021	26.04.2021	35	100
46.	Hindi 2 nd Sem	15.12.2020	22.12.2020	16.08.2021	35	100
47.	Hindi 3 rd Sem	22.02.2021	01.03.2021	23.03.2021	36	100
2248.	Hindi 4 th Sem	01.10.2020	03.10.2020	16.08.2021	36	100
49.	History 1 st Sem	22.03.2021	01.04.2021	30.04.2021	94	100
50.	History 2 nd Sem	15.12.2020	31.12.2020	23.08.2021	87	100
51.	History 3 rd Sem	22.02.2021	02.03.2021	22.04.2021	79	100
52.	History 4 th Sem	01.10.2020	06.10.2020	23.08.2021	79	98.73
53.	LL.M. 1 st Sem	22.03.2021	02.04.2021	26.07.2021	52	100
54.	LL.M. 2 nd Sem	15.12.2020	30.12.2020	20.09.2021	49	100
55.	LL.M. 3 rd Sem	22.02.2021	05.03.2021	26.03.2021	17	100
56.	LL.M. 4 th Sem	01.10.2020	03.10.2020	08.10.2021	17	64.70
58.	M.B.A. 2 nd Sem	15.12.2020	24.12.2020	-	45	-
59.	M.B.A. 3 rd Sem	22.02.2021	03.03.2021	-	31	-
61.	M.C.A. 1 st Sem	20.01.2020	05.02.2020	10.09.2020	28	100
62.	M.C.A. 2 nd Sem	15.12.2020	28.12.2020	23.02.2021	23	100
63.	M.C.A. 3 rd Sem	22.02.2021	01.03.2021	15.07.2021	25	100
64.	M.C.A. 4 th Sem	15.12.2020	28.12.2020	23.02.2021	25	100
65.	M.C.A. 5 th Sem	22.02.2021	01.03.2021	29.06.2021	14	100
66.	M.C.A. 6 th Sem	07.10.2020	09.10.2020	21.10.2020	16	100
67.	M.L.I.S. 1 st Sem	26.03.2021	08.04.2021	19.07.2021	51	100
68.	M.L.I.S. 2 nd Sem	09.08.2021	20.08.2021	21.09.2021	50	100
69.	M.L.I.S. 3 rd Sem	25.02.2021	10.03.2021	28.04.2021	38	97.37
70.	M.L.I.S. 4 th Sem	07.07.2021	28.07.2021	08.09.2021	36	100
71.	Mass Comm. 1 st Sem	22.03.2021	02.04.2021	27.04.2021	48	100
72.	Mass Comm. 2 nd Sem	15.12.2020	30.12.2020	18.08.2021	37	100
73.	Mass Comm. 3 rd Sem	22.02.2021	04.03.2021	13.04.2021	22	100
74.	Mass Comm. 4 th Sem	01.10.2020	07.10.2020	18.08.2021	22	100
75.	Mathematics 1 st Sem	22.03.2021	01.04.2021	06.09.2021	114	100
76.	Mathematics 2 nd Sem	15.12.2020	23.12.2020	26.08.2021	56	100

Sl. No.	Name of Examination	Examination Dates		Result Published on	No. of Candidates Appeared	% Qualified
		Start	End			
77.	Mathematics 3 rd Sem	22.02.2021	03.03.2021	07.04.2021	59	100
78.	Mathematics 4 th Sem	01.10.2020	05.10.2020	07.09.2021	59	98.30
79.	Microbiology 1 st Sem	22.03.2021	26.03.2021	25.06.2021	29	100
80.	Microbiology 2 nd Sem	15.12.2020	19.12.2020	18.08.2021	21	100
81.	Microbiology 3 rd Sem	22.02.2021	26.02.2021	24.03.2021	27	100
82.	Microbiology 4 th Sem	01.10.2020	06.10.2020	18.08.2021	27	100
83.	Nepali 1 st Sem	22.03.2021	01.04.2021	05.07.2021	122	100
84.	Nepali 2 nd Sem	15.12.2020	28.12.2020	08.09.2021	97	100
85.	Nepali 3 rd Sem	22.02.2021	04.03.2021	30.04.2021	77	100
86.	Nepali 4 th Sem	01.10.2020	04.10.2020	08.09.2021	79	97.46
87.	Philosophy 1 st Sem	22.03.2021	31.03.2021	11.05.2021	87	100
88.	Philosophy 2 nd Sem	15.12.2020	24.12.2020	23.08.2021	67	100
89.	Philosophy 3 rd Sem	22.02.2021	01.03.2021	26.04.2021	65	100
90.	Philosophy 4 th Sem	01.10.2020	08.10.2020	23.08.2021	65	100
91.	Physics 1 st Sem	22.03.2021	25.03.2021	06.07.2021	58	100
92.	Physics 2 nd Sem	15.12.2020	19.12.2020	10.02.2021	41	100
93.	Physics 3 rd Sem	22.02.2021	25.02.2021	26.04.2021	47	100
94.	Physics 4 th Sem	01.10.2020	07.10.2020	10.02.2021	47	100
95.	Pol. Science 1 st Sem	22.03.2021	27.03.2021	23.06.2021	96	100
96.	Pol. Science 2 nd Sem	15.12.2020	19.12.2020	25.08.2021	73	100
97.	Pol. Science 3 rd Sem	22.02.2021	27.02.2021	11.05.2021	73	100
98.	Pol. Science 4 th Sem	01.10.2020	07.10.2020	25.08.2021	73	100
99.	Rural Development 1 st Sem	22.03.2021	01.04.2021	06.05.2021	30	100
100.	Rural Development 2 nd Sem	15.12.2020	22.12.2020	10.08.2021	28	100
101.	Rural Development 3 rd Sem	22.02.2021	04.03.2021	24.03.2021	09	100

Sl. No.	Name of Examination	Examination Dates		Result Published on	No. of Candidates Appeared	% Qualified
		Start	End			
102.	Rural Development 4 th Sem	01.10.2020	05.10.2020	10.08.2021	09	100
103.	Sanskrit 1 st Sem	22.03.2021	30.03.2021	28.06.2021	37	100
104.	Sanskrit 2 nd Sem	15.12.2020	23.12.2020	19.08.2021	37	100
105.	Sanskrit 3 rd Sem	22.02.2021	03.03.2021	06.04.2021	44	100
106.	Sanskrit 4 th Sem	01.10.2020	06.10.2020	19.08.2021	44	100
107.	Sociology 1 st Sem	22.03.2021	01.04.2021	30.04.2021	53	100
108.	Sociology 2 nd Sem	15.12.2020	31.12.2020	17.08.2021	41	100
109.	Sociology 3 rd Sem	22.02.2021	04.03.2021	23.03.2021	39	100
110.	Sociology 4 th Sem	01.10.2020	08.10.2020	17.08.2021	39	100
111.	Strategic Area Studies 1 st Sem	22.03.2021	01.04.2021	30.04.2021	11	100
112.	Strategic Area Studies 2 nd Sem	15.12.2020	25.12.2020	12.08.2021	10	100
113.	Strategic Area Studies 3 rd Sem	22.02.2021	04.03.2021	24.03.2021	03	100
114.	Strategic Area Studies 4 th Sem	01.10.2020	07.10.2020	12.08.2021	03	100
115.	Tea Science 1 st Sem	22.03.2021	31.03.2021	04.05.2021	13	100
116.	Tea Science 2 nd Sem	15.12.2020	24.12.2020	12.08.2021	13	100
117.	Tea Science 3 rd Sem	22.02.2021	01.03.2021	22.03.2021	04	100
118.	Tea Science 4 th Sem	01.10.2020	02.10.2020	12.08.2021	03	100
119.	Zoology (DGC) 1 st Sem	06.01.2021	11.01.2021	17.08.2021	31	100
121.	Zoology (DGC) 3 rd Sem	06.01.2021	11.01.2021	17.08.2021	17	100
123.	Zoology (NBU) 1 st Sem	22.03.2021	26.03.2021	28.06.2021	46	100
124.	Zoology (NBU) 2 nd Sem	15.12.2020	18.12.2020	12.08.2021	33	100
125.	Zoology (NBU) 3 rd Sem	22.02.2021	05.02.2021	24.03.2021	31	100

Sl. No.	Name of Examination	Examination Dates		Result Published on	No. of Candidates Appeared	% Qualified
		Start	End			
126.	Zoology (NBU) 4 th Sem	01.10.2020	05.10.2020	12.08.2021	31	100
128.	P.G.D.T.M. 2 nd Sem	01.10.2020	04.10.2020	20.10.2020	22	100

**P.G. (Distance Education), 2020
(System of Examination – CBCS)**

Sl. No.	Name of Examination	Examination Dates		Result Published on	No. of Candidates Appeared	% Qualified
		Start	End			
01.	Bengali 1 st Sem	19.02.2020	22.02.2020	23.09.2020	99	100
02.	Bengali 2 nd Sem	18.01.2021	28.01.2021	03.03.2021	86	100
03.	Bengali 3 rd Sem	28.10.2020	01.11.2021	12.11.2020	22	100
04.	Bengali 4 th Sem	05.02.2021	13.02.2021	19.02.2021	22	100
05.	English 1 st Sem	19.02.2020	22.02.2020	23.09.2020	103	100
06.	English 2 nd Sem	18.01.2021	28.01.2021	03.03.2021	98	100
07.	English 3 rd Sem	28.10.2020	01.11.2020	12.11.2020	33	100
08.	English 4 th Sem	05.02.2021	13.02.2021	19.02.2021	31	100
09.	History 1 st Sem	19.02.2020	22.02.2020	23.03.2020	153	100
10.	History 2 nd Sem	18.01.2021	28.01.2021	03.03.2021	132	100
11.	History 3 rd Sem	28.10.2020	01.11.2020	12.11.2020	32	100
12.	History 4 th Sem	05.02.2021	13.02.2021	19.02.2021	32	100
13.	Mathematics 1 st Sem	19.02.2020	22.02.2020	23.09.2020	61	100
14.	Mathematics 2 nd Sem	18.01.2021	28.01.2021	03.03.2021	61	100
15.	Mathematics 3 rd Sem	28.10.2020	01.11.2020	12.11.2020	34	100
16.	Mathematics 4 th Sem	05.02.2021	13.02.2021	19.02.2021	34	100
17.	Nepali 1 st Sem	19.02.2020	22.02.2020	23.09.2020	70	100
18.	Nepali 2 nd Sem	18.01.2021	28.01.2021	03.03.2021	68	100
19.	Nepali 3 rd Sem	28.10.2020	01.11.2020	12.11.2020	28	100
20.	Nepali 4 th Sem	05.02.2021	13.02.2021	19.02.2021	26	100
21.	Philosophy 1 st Sem	19.07.2020	22.02.2020	23.09.2020	38	100
22.	Philosophy 2 nd Sem	18.01.2021	28.01.2021	03.03.2021	37	100
23.	Philosophy 3 rd Sem	28.10.2020	01.11.2020	12.11.2020	11	100
24.	Philosophy 4 th Sem	05.02.2021	13.02.2021	19.02.2021	11	100
25.	Pol. Science 1 st Sem	19.02.2020	22.02.2020	23.09.2020	106	100

Sl. No.	Name of Examination	Examination Dates		Result Published on	No. of Candidates Appeared	% Qualified
		Start	End			
26.	Pol. Science 2 nd Sem	18.01.2021	28.01.2021	03.03.2021	96	100
27.	Pol. Science 3 rd Sem	28.10.2020	01.11.2020	12.11.2020	30	100
28.	Pol. Science 4 th Sem	05.02.2021	13.02.2021	19.02.2021	29	100

CHAPTER – XIV
DEPARTMENTAL JOURNALS

INDIAN JOURNAL OF LAW AND JUSTICE

Indian Journal of Law and Justice is a peer-reviewed Journal published in March and September, by the Department of Law, University of North Bengal. Indian Journal of Law and Justice is intended to serve as the outlet for theoretical and empirical research in basic concepts of law and its various dimensions depending upon the period of time and as well as its applicability to the nature of society in which it is to operate.

The publications in this journal is the testimony for spreading the inference of multi-faceted research in various fields of law. The principle of this journal is to provide a platform for exchange of ideas and dissemination of information not only from established legal luminaries but also for the young faculties and researchers in the field of law and allied subjects.

ISSN: 0976 - 3570

Frequency: Bi-Annual

Medium: Print Only

Published since: 2010

Discipline: Arts and Humanities

Subject Focus: Law & Justice



JOURNAL OF PHYSICS RESEARCH AND EDUCATION

The Journal of Physics Research and Education (JPRE) emphasizes contribution in the emerging areas of research and education in Physics. JPRE provides a really exciting opportunity to consider the truly interdisciplinary nature of research in Physics at a time of great change across the wider landscape of Physics research. The objective of JPRE is to publish up-to-date, high-quality and original research papers alongside relevant and insightful reviews. The journal is also dedicated to maintaining and improving the standard of taught Physics in Universities and the submitted articles are peer-reviewed.

Language: English

Frequency: Annual

Medium: Print Only

Published since: 2021

Discipline: Physics Research and Education

Subject Focus: Physics



JOURNAL OF POLITICAL STUDIES

Journal of Political Studies offers an insightful perspective on contemporary issues and debates in the field of politics. The journal presents theoretical and empirical articles and methodological notes and delivers political science research with an edge. It covers sub-areas as Indian and Comparative Politics, as well as International Relations, Political Theory, Public Administration, Political Sociology, Gender Issues and Political Thought.

ISSN: 2278-4039

Frequency: Bi-Annual

Medium: Print Only

Published since: 2012

Discipline: Arts and Humanities

Broad Subject: Political Science

Subject Focus: Political Science



JOURNAL OF WOMEN STUDIES

The Journal of Women Studies is published by the Centre for Women Studies, University of North Bengal.

ISSN: 2320-3625

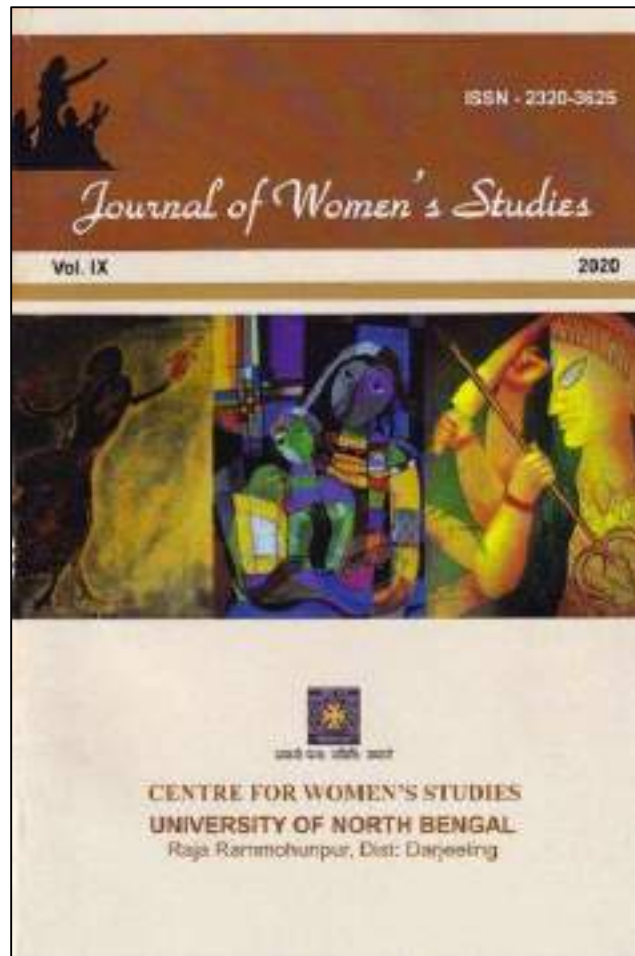
Frequency: Annual

Medium: Print Only

Published since: 2009

Discipline: Arts and Humanities

Subject Focus: Women's Studies



KARATOYA

Karotaya is a blind peer-reviewed journal published by the Department of History, University of North Bengal. The journal publishes research articles and short notes in English on History and its allied sub-disciplines and is published annually. It considers original research articles based on interpretation of freshly retrieved information or re-interpretation of existing database on the subjects. Review articles based on critical assessment of published database on specific themes are also accepted.

ISSN: 2229-4880

Language: English

Frequency: Annual

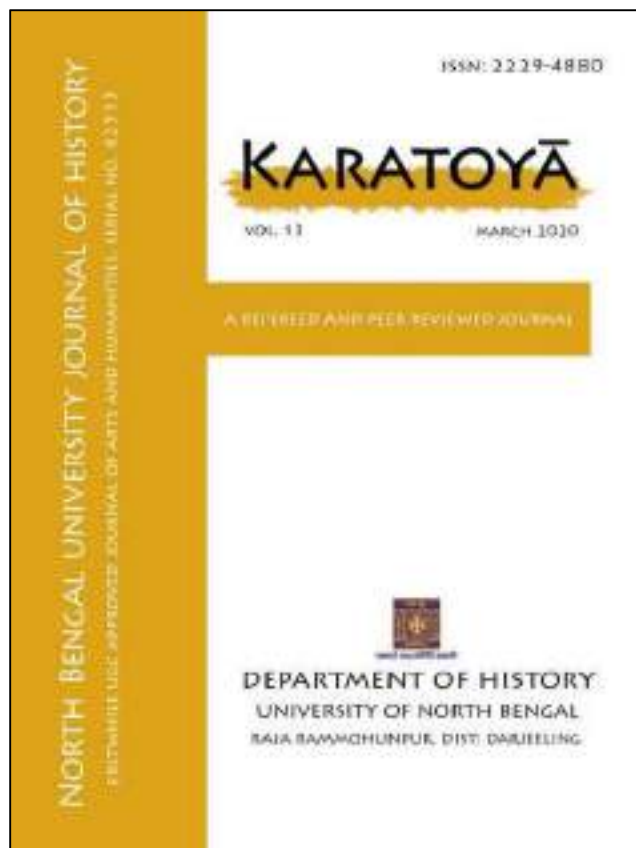
Medium: Print Only

Published since: 2007

Discipline: Arts and Humanities

Broad Subject: History

Subject Focus: History



NBU JOURNAL OF PLANT SCIENCES

The NBU Journal of Plant Sciences (NBUJPS) serve as the official organ of the Department of Botany, University of North Bengal. The Journal publishes Original research articles, Review articles and Short communications ranging across all fields of Botany, Microbiology, Agriculture and Plant Sciences. The journal is dedicated to publishing articles of national and international relevance.

Frequency: Annual

Medium: Print Only

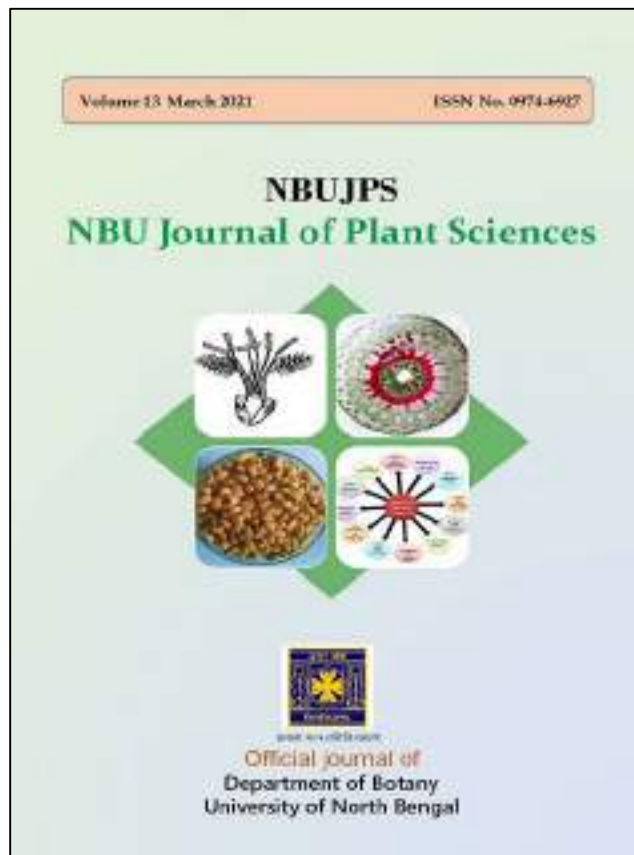
Published since: 2007

Discipline: Science

Focus: Botany, Microbiology, Agriculture & Allied Subjects

Published at: University Press, NBU

ISSN: 0974-6927



NEGOTIATIONS

Negotiations: An International Journal of Literary and Cultural Studies (NIJLCS) is an annual publication of the Department of English, University of North Bengal. It is a peer-reviewed journal devoted to literary and cultural studies, international in scope and interdisciplinary in method. NIJLCS encourages scholarly submissions on diverse fields of literature, painting, visual art, cultural history, politics, film and media.

ISSN: 2231-1378

Frequency: Annual

Medium: Print Only

Published since: 2018

Discipline: Arts and Humanities

Broad Subject: English

Subject Focus: English



PHILOSOPHICAL PAPERS

Philosophical Papers is a yearly journal published by the Department of Philosophy, University of North Bengal since 2007. The journal is a UGC – CARE listed journal and accepts contributions from all fields of philosophy.

ISSN: 0976 - 4496

Frequency: Annual

Medium: Print Only

Published since: 2007

Discipline: Arts and Humanities

Broad Subject: Philosophy

Subject Focus: Philosophy



SOCIAL TRENDS

Social Trends is a UGC enlisted (Sl. No. 42176) peer-reviewed/refereed interdisciplinary journal, published annually by the Department of Sociology, University of North Bengal.

ISSN: 2348-6538

Frequency: Annual

Medium: Print Only

Published since: 2014

Discipline: Arts and Humanities

Broad Subject: Sociology

Subject Focus: Social Science





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