



ANNUAL REPORT

2017-2018

UNIVERSITY OF NORTH BENGAL

Rajarammohunpur, P.O. N.B.U.,
Dist. Darjeeling, West Bengal

Dr. Subires Bhattacharyya
M.Sc., Ph.D.
Vice-Chancellor
University of North Bengal



समानो मन्लः समितिः समानी

UNIVERSITY OF NORTH BENGAL

Accredited by NAAC with Grade A

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FOREWORD

I am glad to know that the Annual Report of the University of North Bengal is going to come out for the year 2017–2018. The report gives us an opportunity for assessing where we are and understanding what we hope to achieve and the dreams that still remain unfulfilled. The report is a mark of our sense of perfectibility. We are accountable only to ourselves.

Best Regards,
Place: Raja Rammohunpur
Date: 8th April, 2021

Dr. Subires Bhattacharyya
Vice-Chancellor

FROM THE DESK OF THE DEVELOPMENT OFFICER

We, all from the Administrative branch of the University of North Bengal feel happy to welcome the annual reports 2017-2018, which is the showcase of the activities performed by the different Departments, Branches, and Centres of the University.

The publication of the Annual Report is not just a statutory requirement but it is a step to acquaint the stakeholders of the University about the University programmes and activities.

Since its inception in 1962, the University of North Bengal is a key Centre of Higher education in the northern region of the state of West Bengal with the mission to encourage and provide an environment for teaching, learning and research in various branches of curriculum related to higher education and to promote advancement and dissemination of knowledge to meet the growing needs of the society. The University has a pool of trained people as Alumni to cater to all sort of needs of the North Bengal region and beyond from teachers/trainer to teach in Schools, Colleges, or institutions as well as skilled manpower for Business Houses, Corporates and Industries.

In this long journey with time, our University has diversified itself to new areas and established the department/Centre like Tea Science in the year 1995, Department of Management in the year 2003, High Energy and Cosmic Research Ray Centre in 1991, Centre for Women's studies in the year 2000, Centre for studies in Local languages and Cultures in the year 2001, Centre for Floriculture & Agri-Business Management (COFAM) in the year 2005 and also offering special postgraduate courses like strategic and Area studies at Centre of Himalayan Studies from 2005 onwards which is established in the year 1978. Apart from that our University has a heritage Museum named Akshay Kumar Maitreya Heritage Museum with the majority of the collection belonging to the period between the 8th century and 12th Century. There is a lot of scopes that these departments / Centre will develop a lot to provide new innovative courses.

Depending upon the demand from society, our University has taken initiative in session 2017-2018 to open departments like Geology, Food Technology, Education, Sanskrit, and Pharmaceutical Technology which will offer PG courses, MPhil and Ph.D. in the related areas in the coming future.

A report like these allows us to access core strength and give us the vision to plan our future course of action. Further, it also helps us to identify our weaknesses.

I wish thanks to all the staff of the Office of the Development Officer like Sri Kalyan Ch. Singha, Debashree Pal (now transferred) to the Department of Pharmaceutical Technology), Prahlad Sarkar, Babulal Oraon, and Amit Dey (transferred to Registrar's Branch) who worked as a complete team to collect the information.

I like to thank all the staff of the university press and the Press Superintendent for extending their full cooperation in publishing this report.

Dr. Tamal Sarkar
Development Officer (In charge)

OUR VICE CHANCELLORS & THEIR TENURE IN OFFICE



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

As on 31st March 2018

LIST OF OFFICERS FOR THE YEAR 2017-2018

(AS ON 31.03.2018)

Sl. No.	Name of the Officers	Designation of the Officers
	Dr. Dilip Kumar Sarkar	Registrar
	Dr. Subrata Sanyal	Inspector of Colleges
	Dr. Swapan Kumar Rakshit	Deputy Registrar
	Dr. Sukhendra Narayan Saha	Audit & Accounts Officer
	Dr. Minakshi Chakraborty	Development Officer
	Sri Brindaban Karmakar	JT. Librarian
	Dr. Nupur Das	Secretary, Councils for Under Graduate Studies
	Dr. Debasis Dutta	Deputy Controller of Examinations
	Sri Gautam Sarkar	(Tech. Officer-II)
	Dr. Arunava Bhadra	Sr. Research Physicist
	Sri Apurba Paul	Documentation Officer
	Dr. Biswajit Chatterjee	Secretary to the Vice-Chancellor
	Sri Subhrangsu Kr. Mistri	Assistant Librarian
	Sri Santanu Chanda	Assistant Librarian
	Sri Joydeep Biswas	Assistant Controller of Examination
	Sri Surajit Das	Accounts Officer
	Sri Kamala Kanta Ghosh	Estate Officer
	Sri Arindam Mukherjee	Research Officer
	Sri Manash Esh	Information Scientist
	Sri Tamal Sarkar	Tech. Officer-I
	Dr. Abhijit Deb	Secretary, Faculty Council For P.G studies in Arts, Commerce & Law.

Compiled by Registrar Branch

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CHAPTER – II

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GENERAL

The University and its mission:

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.”

The University of North Bengal campus covers an area of nearly 331 acres of land at the foothills of high Himalaya in close proximity of vast plains around it with a fascinating glimpse of the Kanchenjunga peak, tea gardens and forest cover.

The University of North Bengal has acquired 36.138 acres of land and has set up another campus at Jalpaiguri by the side of the campus of Jalpaiguri Government Engineering College for widening the dimension and scope of Higher Education and Research in one more Centre for Higher Education through modern studies for spreading advancement of learning in various branches of Humanities, Science and Technology in order to reach the people of this region in a bigger way so that they can have better and easier access to Higher Education.

The University of North Bengal, 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.

The University has taken initiatives in qualitative growth by way of achieving excellence. The Departments are well-equipped with research programmes from various agencies and have received academic distinctions and recognitions.

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. Sri Keshari Nath Tripathi, Governor of West Bengal has been holding the office of the Chancellor of the University since July 24th, 2014.

Vice-Chancellor:

Professor (Dr.) Somnath Ghosh joined his office as Vice-Chancellor of University of North Bengal on 11th February, 2014 and is continued in the office till 10th February, 2018. After that 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:

Professor Subir Sarkar, Department of Geography and Applied Geography has been appointed Dean of the Faculty of Science with effect from 11.07.2016 and continued in the office till 18th July, 2017. After that Professor Bikash Chandra Paul joined his office as Dean of the Faculty of Science with effect from 19.07.2017 and is continuing his Office.

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

Professor Ghanashyam Nepal, Department of Nepali has been appointed Dean of the Faculty of Arts, Commerce & Law with effect from 11.07.2016 and continued in the office till 18th July, 2017. After that Professor Sanchari Roy Mukherjee joined her office as Dean of the Faculty of Arts, Commerce & Law with effect from 19.07.2017 and is continuing her Office.

THE NOTABLE ACTIVITIES

Academic Activities:

The University has a host of programmes which enables it to invite scholars and researchers of Eminence from within India as well as from abroad to visit the University interact with students, teachers and researchers to add to the knowledge base of the University.

The University's mission is of social inclusion. The University has been finding out ways of tapping the resources and actualizing the region's potential and taking initiatives for the benefit of the under privileged people of the region. Departments and Centres are involved in imparting knowledge and life skills. They are also instrumental in archiving and preserving folklore, language and culture of communities that have been facing the threat of extinction in our era of globalization.

30 Professors/Teachers of various Universities have visited different departments of our University and delivered lectures during this session.

10 Teachers visited foreign countries from UGC funds and **247** Teachers participated in National Conferences.

Teachers/officers of various departments/Centres of the University have published more than **333** books and articles / papers / journals in refereed National and International Journals.

23 departments/Centres of the Arts, Commerce and Law faculty as well as of Science Faculty have organized 82 nos of Seminars and Workshops during this year 2017-2018. Total number of ongoing project in session 2017-2018 is 43.

To encourage the students, the following scholarships have been given:

- i. Post-graduate Indira Gandhi Scholarship for Single Girl Child.
- ii. Post-Graduate Merit Scholarship for University Rank Holder.
- iii. UGC-NET Junior Research Fellowship
- iv. UGC Basic Science & Research Fellowship.
- v. UGC Rajiv Gandhi National Fellowship.

In academic session 2017-2018, three new departments were established Geology, Pharmaceutical technology and Food Technology under faculty of PG Studies in Science and two new departments were established under faculty of PG Studies in Arts, Commerce and Law. But, no new colleges were established in academic session 2017-2018.

5 departments/Centres of the Arts, Commerce and Law faculty as well as of Science Faculty have received 5 nos of Awards during this year 2017-2018.

Other Important Activities:

The Akshaya Kumar Maitreya Heritage Museum of North Bengal University had celebrated the International Museum Day programme on the 18th May, 2017 in the Museum. Scholars from different parts of India and some even from China, Bangladesh, Srilanka, Japan, Taiwan and other countries now visit the Museum. More than 7,400 visitors were come to the Museum.

The Centre for Studies in Local Languages and Cultures has organized ten National and International Seminars cum Workshops, Cultural Programmes and Folk Festivals throughout the year.

UGC Human Research Development Centre organized and conducted 04 Orientation Programmes for newly appointed College/University Teachers and 09 Refreshers Courses for serving Teachers in this region and 02 Short-term Courses for Officers, Principals and Non-teaching Staff.

In this year 2017-2018 one number of renovation work and development work has been completed in the NBU main campus using UGC grant and started the “Proposed Creation of Laboratory in Chemistry, Physics & Geography” with the help of Executing Engineer, North Bengal Division, Social Sector, P.W.D using RUSA Fund

Our University Library speaks volumes regarding the academic pursuits of our University. Total number of documents added in this year is 841. The total number of journal subscribed is 628, out of which 133 were International and 7 were online journals.

The details of Library Statistics:

<i>Sl. No.</i>	<i>Particulars</i>	<i>2017-2018</i>
	Total number of documents accessioned	300569
I	Text Books	246035
II	Reference Books	9014
III	Rare Books	650
IV	Bound Periodicals	38,745
V	Theses	1,778
VI	Non- Print Materials	1,049
VII	Census	2350
VIII	Reports	1794
IX	Gazetters	180
X	Detaties	201

The whole Campus encompassing all the academic & administrative buildings and the hostels are provided with 24X7 internet facility at several static points with fiber optic back bone network mounted at the Server Room of the Computer Centre. All the Research Scholars (Men and women) and PG hostels (Boys and Girls), are also covered under the Campus Wi-Fi facility.

With the entire support from the RUSA fund, this Computer Centre of the University, had managed to host its state of art IBM cluster computing facility. The academic cross section with demand for high speed computing facility is benefitted with this.

In the financial year 2017-2018, a centralized Liquid Nitrogen Plant (StirLITE Liquid Nitrogen Plant of Stirling Cryogenics, DH Industries BV, Netherlands) was installed at USIC. Using the installed plant, the USIC provided **1839.5 litres** of Liquid Nitrogen to various department/research centre under the faculty of Science.

The Scanning electron microscope (SEM) is now an indispensable tool in scientific research. Recently a SEM (JSM6510, Jeol) has been purchased with the financial assistance from RUSA. The installation of the instrument is still under process.

In this year 2017-18 University Press has completed **220** indents and during these period University Press has earned Rs. **20,06,863.00/-**

3635 number of Patients examined at the Health Centre and total earning from the services at the Clinical Pathology Laboratory were Rs 88,838/- from 4828 sample testing.

Controller of Examination has to conduct **67** types of examinations annually, thereby, catering to around **1,46,740** students per year.

The Department of Mathematics is co-ordinating the Mathematical Olympiads and related training programmes for high school students, Madhava Mathematics Competition for undergraduate students in affiliated colleges.

Social Responsibilities:

Beside teaching and research, we are not running behind in associating ourselves to cater to the social needs and responsibilities.

The students of the department of Mathematics organized a ***Blood Donation Camp*** on 6th April, 2017 where 213 units of blood have contributed.


The Centre for Women's Studies has organized one Refresher Courses (from 08.02.2018-to 28.02.2018), Two Short Term Courses (from 1st -8th September,2017 and from 12th -19th March, 2018), Two one training programme (16th September and 20th September), Celebrated International Women's Day on 8th March, 2018, organized two awareness programme (22nd September, 2018 and 8th February, 2018) on Legal issues and Women's Health.

The students of the Department of Mass Communication are making short films/ documentaries, preparing advertisements, house journals to mention a few. : Students' Film Festival BIOSCOPE 2017 was organized. 4 PR campaigns were conducted which got huge media coverage.

The three (5) member Athletics team participated in the 77th All India Inter University Athletics Meet 2017-18 and achieved Silver Medal in the said National Level Competition by securing second position in 200m Sprint (Women) event for the University. The university team secured the 4th Position in the All India Inter University Table Tennis (Women) Tournament 17-18 organized at. Dibrugarh University during 25th to 27th February, 2018

Many types of Crop have been planted in the year 2017-2018 by the Centre of Floriculture and Agri-Business Management (COFAM). The centre has also organized ten training programmes / awareness programmes in which 570 participants participated.

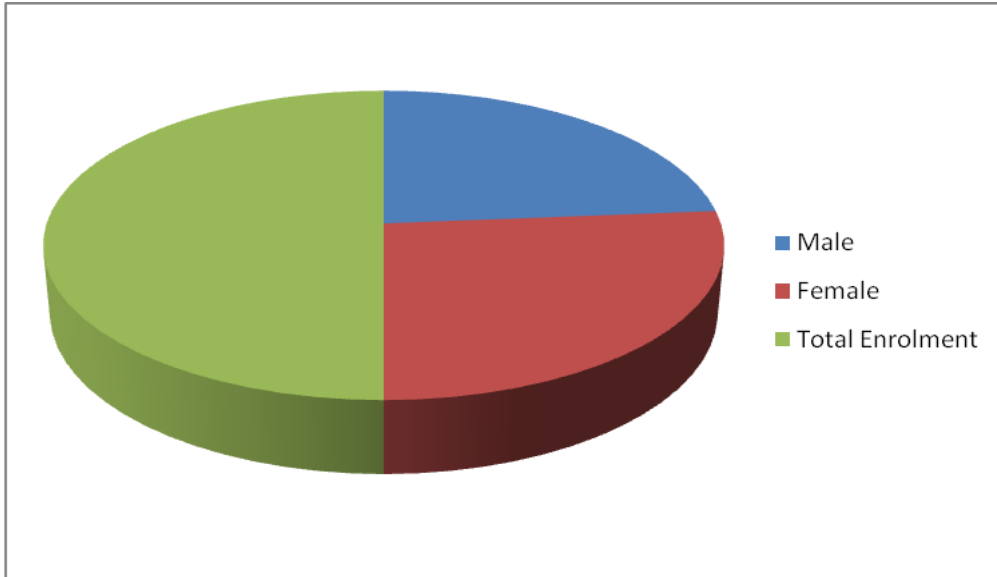
Publications reports of last three years in Scopus and Web of Science:

 Scopus	
Analyze search results (AF-ID ("University of North Bengal" 60000712)) AND (LIMIT-TO (PUBYEAR , 2018) OR LIMIT-TO (PUBYEAR , 2017) OR LIMIT-TO (PUBYEAR , 2016))	
Year ↓	Documents ↑
2018	164
2017	142
2016	163

356 results from Web of Science Core Collection for: Q "University of North Bengal" or "North Bengal University" (Affiliation) Refined By: Publication Years: 2016 or 2017 or 2018 X Clear all	
Publication Years	▼
<input type="checkbox"/> 2018	137
<input type="checkbox"/> 2017	102
<input type="checkbox"/> 2016	117

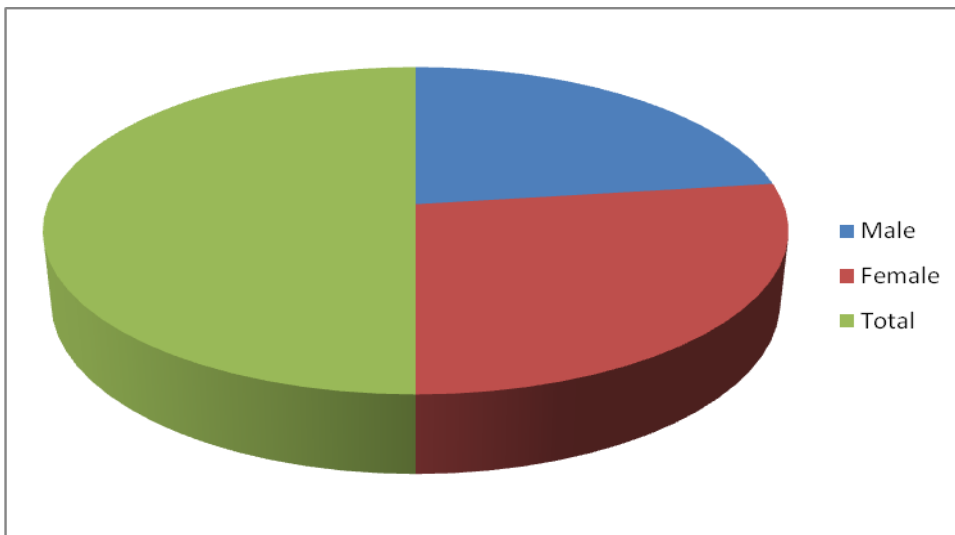
**TOTAL STUDENTS ENROLMENT OF
UNDERGRADUATE COLLEGES**

Year	Male	Female	Total Enrolment
2017 -2018	20,626	24,625	45,251



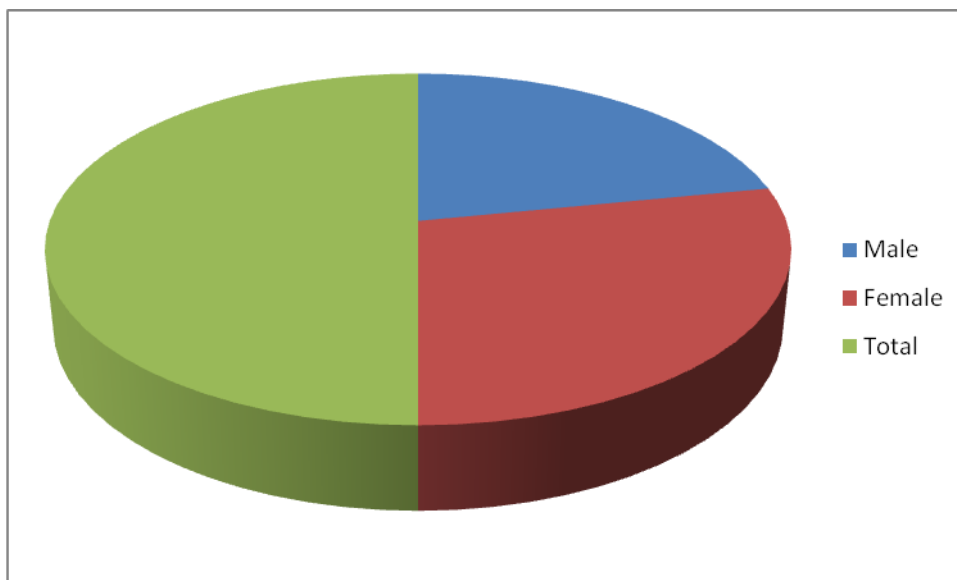
**SC/ST STUDENTS ENROLMENT
IN UNDER-GRADUATE COLLEGES**

Year	Male	Female	Total
2017 - 2018	9,269	10,927	20,196



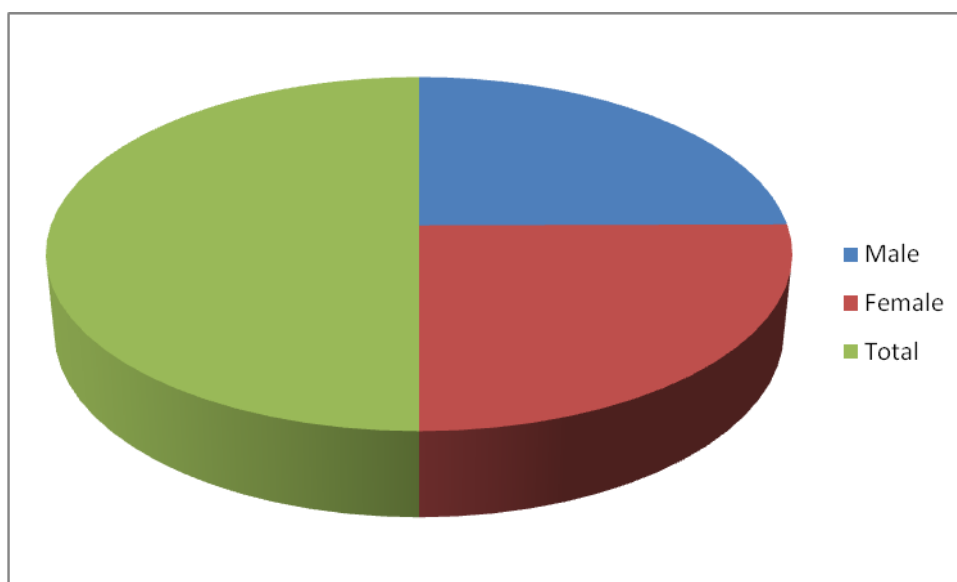
**TOTAL STUDENTS ENROLMENT
IN REGULAR POST GRADUATE TEACHING DEPARTMENTS**

Year	Male	Female	Total
2017 – 2018	557	857	1414



**SC / ST STUDENTS ENROLMENT
IN REGULAR POST GRADUATE DEPARTMENTS**

Year	Male	Female	Total
2017 - 2018	234	319	553



DEPARTMENT OF ANTHROPOLOGY

1. **Name of the Department:** Anthropology

2. **Date of Establishment :** 2001

3. **Introduction of the department :** The Department of Anthropology has M.Sc. 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.

4. **Name of the Faculty:**

Professor	Associate Professor	Assistant Professor
Dr. Jaydip Sen, Professor	Dr. Samar Kumar Biswas, Associate Professor Dr. Pinak Tarafdar, Associate Professor	

5. **Name of Research Scholars :**

Amit Ghosh, Research Scholar
Binu Dorjee, UGC-Senior Research Fellow,
Chumu Sherpa, Rajiv Gandhi National Fellow,
Grace Leivon, Rajiv Gandhi National Fellow,
Manisha Thapa, Rajiv Gandhi National Fellow,
Mridusmita Goswami, Research Scholar,
Pushpa Lata Tigga, Rajiv Gandhi National Fellow,
Riwaj Rai, Research Scholar,
Sampriti Debnath, UGC-Junior Research Fellow,
Saonli Roy, Research Fellow
Susmita Roy, Rajiv Gandhi National Fellow,
Subhankar Roy, Senior Research Fellow, State/University Fellow,
Sukanta Das, Rajiv Gandhi National Fellow,
Suvendu Kundu, Research Scholar

6. **Name of the Project Scholar :** Riwaj Rai

7. **Name of the Non-Teaching Staff :**

- I. Narayan Das, Gr. C Permanent
- II. Sujit Kangsha Banik, Gr.-D, Casual Worker

8. **Student Strength :**

<u>Students</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
1 st Sem-	04	09	13
2 nd Sem	07	05	12
3 rd Sem	04	09	13
4 th Sem	03	07	10

9. Seminar/Conferences attended (Outside the Country & Within the Country):

Name of the Teacher	Name of the Seminars/Conferences	Venue & Date	Title of the paper presented
Prof. Jaydip Sen	Nil		
Dr. Samar Kumar Biswas	National Seminar on "Tribal Development in West Bengal"	Cultural Research Institute, Kolkata. Date: 15-16. 6.2017	Invited Lecture " <i>Development of Toto Tribe</i> "
	UGC sponsored National Seminar, "Man, Environment and Culture"	Dept. of Anthropology, NBU. Date: 14.9. 2017	<i>Chaired the Technical Session III.</i>
	International Conference on " <i>Indigenous People, Human Security and Sustainable Development: Emerging Challenges in the Present Global Context</i> "	In Kolkate. Organized by Commission on Human Rights, IUAES, Dept. of Anthropology, WBSU, in collaboration with ICMR, ICHR, ASI. Date 19-21. 1.2018	Panel Convener and Chair Person of the Panel " <i>Man and Environment: Issues and Challenges</i> "
	International Conference on " <i>Indigenous People, Human Security and Sustainable Development: Emerging Challenges in the Present Global Context</i> "	In Kolkata. Organized by Commission on Human Rights, IUAES, Dept. of Anthropology, WBSU, in collaboration with ICMR, ICHR, ASI. Date 19-21. 1.2018	" <i>Depletion of Livelihood Resources and its consequences on a particularly vulnerable Tribal Group; Totos of Sub-Himalayan West Bengal</i> ".
Dr. Pinak Tarafdar	National Seminar on Bio-Cultural Heritage of Eastern India: Theoria, Praxis and Poiesis	Department of Anthropology, University of Calcutta 28 th to 29 th March, 2018.	Invited Lecture " <i>Impact of Habitation Change on Traditional Healthcare Practices: an Application of Cross cultural comparison in Medical Anthropology</i> "

10. Organized Seminars/Conferences:

Name of the Seminar/Conference	Date of the Seminar/Conference	Title of the Seminar
UGC-SPONSORED NATIONAL SEMINAR	14 TH September. 2017	"MAN, ENVIRONMENT AND CULTURE"

11. Publications:

Name of the Author	Title, name of the Book/Journal/Volume	Year of Publication
Professor Jaydip Sen	Subcutaneous adiposity and nutritional status among children of Eastern-India.	<i>Journal of Nepal Paediatric Society</i> . 2018; 38(1):31-38. doi: http://dx.doi.org/10.3126/jnps.v38i1.18750
	Prevalence of Undernutrition and Overweight or Obesity Among the Bengali Muslim Population of West Bengal, India.	<i>Anthropol Open J</i> . 2018;3(1):1-10. doi: 10.17140/ANTPOJ-3-115

	<p>Associations of Maternal Age, Pregnancy Order and Seasonal Variations in Low Birth Weight (LBW) in West Bengal, India.</p> <p>Socio-economic and demographic correlates of stunting and thinness among rural school-going children (aged 5-12 Years) of North Bengal, Eastern India.</p> <p>Socio-economic and demographic correlates of overweight and obesity: A study on the Karbi women of Assam, Northeast India.</p> <p>Cut-off point estimation of neck circumference to determine overweight and obesity among Asian Indian adults</p> <p>Use of upper arm anthropometry, upper arm muscle area-by-height (UAMAH) and mid-upper-arm-circumference (MUAC)-for-height as indicators of body composition and nutritional status among children.</p> <p>Factors affecting menopause among Rajbanshi women of North Bengal.</p> <p>Physical growth patterns and body composition of Rajbanshi adolescent boys of Eastern India.</p>	<p><i>J Life Science</i>. 2018;10(1): 1-9. doi: 11.258359/KRE-121</p> <p><i>J Life Sciences</i>, 2018; 10(1):29-46. doi: 1.258359/KRE-40</p> <p><i>Anthropol Open J</i>. 2017;2(2): 31-39. doi: 10.17140/ANTPOJ-2-111</p> <p><i>Epidemiology, Biostatistics and Public Health</i>. 2017; 114(2):12310-1 - 12310-9. doi: 10.2427/12310</p> <p><i>Anthropological Review</i>. 2017; 80:85-102. doi: 10.1515/anre-2017-0004</p> <p><i>Human Biology Review</i>. 2017;6(4):387-402.</p> <p><i>Human Biology Review</i>. 2017; 6(3):263-283.</p>
<p>Dr. Samar Kumar Biswas</p>	<p>Incessant Induced Suicide, In Buddhadeb Chaudhuri and Sibir Biswas (Eds.) <i>Anthropology and Human Rights: Challenges and Opportunities in the New Millennium: 84 – 92</i>. Rawat Publications, New Delhi. [ISBN- 978-81316-08388], (International Publications).</p> <p>Poverty and Crisis in Daily Life: A Study on Migrant People, In Buddhadeb Chaudhuri and Sibir Biswas (Eds.) <i>Anthropology and Human Rights: Challenges and Opportunities in the New Millennium:273 – 279</i>. Rawat Publications, New Delhi. [ISBN- 978-81316-08388], (International Publications).</p> <p>Working Involvement of the Children and Consequences: A Study in an Unorganized Sector In A.K. Singh and S.P. Singh (Eds.) <i>Care and Protection of Marginalized Children in India</i>. Serials Publications, New Delhi, (ISBN: 978-81-933190).</p> <p>Impacts of Barpeta Satra on the Socio-religious life of the People of Barpeta town</p>	<p>2017</p> <p>2017</p> <p>2017</p> <p>2017</p>

	<p>in the District of Barpeta, Assam. <i>North Bengal, Anthropologist annually</i>, 5: 1-12 [ISSN: 2320-8376]</p> <p>Child work and robbing of Child Rights: A study on Stone Crushing Community. <i>North Bengal Anthropologist annually</i>, 5: 13-19. [ISSN: 2320-8376]</p> <p><i>North Bengal Anthropologist annually</i>, Vol:6, [ISSN: 2320-8376]. [Managing Editor]</p> <p><i>Nittya and Naimittika Prasnga</i> (Daily and Occasional Prayer Services) of Barpeta Satra. <i>North Bengal Anthropologist annually</i>, Vol:6, [ISSN: 2320-8376].</p> <p>Role and Status of the Totos in Family and Society. <i>North Bengal Anthropologist annually</i>, Vol.: 6 [ISSN: 2320-8376]</p>	<p>2017</p> <p>2018</p> <p>2018</p> <p>2018</p>
Dr. Pinak Tarafdar	<p>Culture of Health Seeking Behaviour: A Medical Anthropological Study on the Drukpas of Buxa Duar region of West Bengal, India [Monograph]</p> <p>Land Alienation and Indigenous Rights: The Toto Context In edited book Anthropology and Human Rights, Rawat Publications, New Delhi</p> <p>Worshipping of Goddess <i>Rountuk</i> for Well-being: <i>An explorative study on traditional health care practices among the Rabhas of West Bengal</i>,</p> <p>Tamang of Sikkim: Exploring the History and Origin through Oral Narrative</p>	<p>2017</p> <p>2017</p> <p><i>Journal of Indian Anthropological Society</i>, Vol. 52, 2017</p> <p><i>Journal of the Department of Anthropology</i> Vol.16-17, 2017 University of Calcutta</p>

12. Research Projects (Major & Minor):

Major Research Project		
Title of the Scheme Project	Sanctioned Authority	
Dr. Pinak Tarafdar	NBU	2017-18
Applications of Explanatory Models on Maternal and Child Health Care Practices: <i>A Study among the Indigenous Forest Dwellers of North Bengal</i>		
Minor Research Project		
Title of the Scheme Project	Sanctioned Authority	

13. Visiting Fellow:

a. Visiting Fellow UGC : Nil.

b. Visiting Faculty (University Funded) as following: 2017-18

Sl. No	Name of the Visiting Fellow	Duration	Name of the University
1	Dr. Kotra Rama Mohan	Two days	Dept. of Anthropology, Sikkim University, Gangtok.
2	Prof. Birinchi Midhi	Three days	Dept. of Anthropology, Gauhati University, Gopinath Bordoloi Nagar, Guwahati 781 014, Assam

DEPARTMENT OF BIOTECHNOLOGY

1. **Name of the Department:** BIOTECHNOLOGY

2. **Date of Establishment:** 2001

3. **Introduction of the department:** The Department of Biotechnology (Supported by DBT, GoI), promotes and facilitates faculty, research scholars and student research in Microbiology, Biochemistry, Molecular Biology, Cell Biology and Molecular Genetics to achieve goals of Biotechnology. The department provides technical support for research and a nucleus for interdisciplinary research and training initiatives, and prepares students and research scholars to work in modern research facilities at University of North Bengal. The Department of Biotechnology is committed to the values of: Pursuit of excellence, Academic and intellectual freedom, Creativity and innovation, Diversity, cooperation and communication and Accountability. The department has been capable to establish Biotechnology and Genomics-Proteomics-Metabolomics- Resistome research initiatives to provide students with outstanding research projects in supported programs. The department currently provides strong ties between researches in different DBT sponsored departments of the country. It has strengthened ties with the National Research Institutes, R&D Centres and other public Institutions and increased cooperation in consortium programs and Interdisciplinary research.

4. **Name of the Faculty:**

Professor:

Prof. Ranadhir Chakraborty

Associate Professor:

Dr. Shilpi Ghosh

Assistant Professors

Dr. Dipanwita Saha

Dr. Anoop Kumar

5. **Name of the Research Scholars:**

Ms Dipanwita Ghosh

Mr. Tilak Saha

Mr. Bhushan Gurung

Ms. Deepika Mazumdar

Ms. Khusboo Lepcha

Mr. Vaskar Das,

Ms. Vijeta Rai, CSIR-JRF

Ms. Priyam Chettri

Mr. Bipranch K Tiwari

Mr. Vivek K Ranjan (DBT-BET, JRF)

Mr. Subhanil Chakraborty (INSPIRE Fellow, DST)

Ms. Priti Mangar (UGC-BSR)

Ms. Smriti Pradhan (CSIR-JRF)

Ms Anindita Chakraborty

Mr Prasanta Bera

Mr. Subhajit Sen

Ms Arijita Basak

6. **Name of the project scholars:** Nil

7. **Name of the Non –Teaching staff:**

(i) Mr. Biswajit Burman

(ii) Mr. Raja Bauri

(iii) Mr. Dipak Das

8. Student strength:

Students	Male	Female	Total
Part I 1st Sem 2 nd Sem	Five (5)	Five (5)	Semester1/2: 10(Ten)
Part II 3 rd Sem 4 th Sem	Four (4)	Four (4)	Semester 3/4: 08 (Eight)

9. Seminar/Conference / workshop attended (outside the country & within country)

Name of the teacher	Name of the Seminar/Conference	Venue & Date	Title of Paper
Prof. Ranadhir Chakraborty	Microbiology in the New Millennium	October 27 -29, 2017, Bose Institute, Kolkata.	Phenome of a <i>Klebsiella pneumoniae</i> strain when environment offers scanty (?) nutrients to sustain life”
Dr. Anoop Kumar	2 nd Regional Science and Technology Congress, 2017 (Selected for 25 th West Bengal State Science and Technology Congress, 2018 presentation)	Venue:- Siliguri College, West Bengal Date:- 7 th and 8 th December, 2017	“Intracellular Response and Synergistic Effect of 5-Fluorouracil and Ammonium Chloride in Starvation Induced Autophagic Hepatic WRL-68 (Normal) & HUH-7 (Cancerous) Cell Lines”
	25 th West Bengal State Science and Technology Congress, '2018	Venue:- Science City, Kolkata Date:- 4 th and 5 th March, 2018	Intracellular Response and Synergistic Effect of 5-Fluorouracil and Ammonium Chloride in Starvation Induced Autophagic Hepatic WRL-68 (Normal) & HUH-7 (Cancerous) Cell Lines”
	2 nd Regional Science and Technology Congress, 2017 (Selected for 25 th West Bengal State Science and Technology Congress, 2018 presentation)	Venue:- Siliguri College, West Bengal Date:- 7 th and 8 th December, 2017	“Intracellular Response and Synergistic Effect of 5-Fluorouracil and Ammonium Chloride in Starvation Induced Autophagic Hepatic WRL-68 (Normal) & HUH-7 (Cancerous) Cell Lines”

10. Organized Seminars/Conferences/Workshop

Name of the Seminar/Conference/workshop	Date of the Seminar
1. One day workshop on Tissue Culture	24-08-2017
2. Workshop on mushroom cultivation	2-09-2017
3. Workshop on mushroom cultivation	13-12-2017
4. Workshop on vermicompost	15-12-2017
5. Hands on training on organic farming	25-01-2018
6. Seminar on floriculture	09-02-2018
7. Workshop on exotic vegetables and mushrooms	12-02-2018
8. Seminar on Button mushroom	16-02-2018

11. Publications:

Name of author	Name of Journal/book/volume	Year of publication
Dr. Dipanwita Saha		

1.	Chakraborty P., Das S., B. Saha, A. Karmakar, Saha D , Saha A.. Rose rosette virus: An emerging pathogen of garden roses in India	1. Australasian Plant Pathology, 46; 223-226.	2017
2.	Das, S., Chakraborty, P., Mandal, P., Saha, D. and Saha, A. Phenylalanine ammonia lyase gene induction with benzothiadiazole elevates defence against <i>Lasiodiplodiatheobromae</i> in tea in India	1. Journal of Phytopathology 165: 11-12.	2017
3.	Mandal H., Chakraborty P., Das S., Saha A., Sarkar T., Saha D. and Saha A Biocontrol of virulent <i>Ralstoniasolanacearum</i> isolates by an indigenous <i>Bacillus cereus</i> .	Journal of Agricultural Technology. 13(1): 19-30.	2017
4.	2. Sarkar, T., Karmakar, A., Saha, A., Saha, A. and Saha, D 2018. In vitro bio-control of <i>Fusarium equiseti</i> infecting <i>Trichosanthes dioica</i> from sub-Himalayan, West Bengal.	Annals of Plant Protection Sciences 26: 222-225	2018
5.	3. Sarkar, T., P. Chakraborty, A. Karmakar, A. Saha and D. Saha. 2018. First Report of <i>Ascochyta medicaginicola</i> Causing Leaf Blight Disease of Pointed Gourd in India.	<i>Plant Disease</i> 102 : 2657.	2018
Prof. Ranadhir Chakraborty			
1.	Mahata D, Jana M, Jana A, Mukherjee A, Mondal N, Saha T, Sen S, Nando GB, Mukhopadhyay CK, Chakraborty R , Mandal SM. 2017. Lignin-graft-Polyoxazoline Conjugated Triazole a Novel Anti-Infective Ointment to Control Persistent Inflammation.	Nature Sci Rep. 2017 Apr 12;7:46412. doi: 10.1038/srep46412. PMID: 28401944.	2017
2.	Tiwary BK, Dutta S, Dey P, Hossain M, Kumar A, Bihani S, Nanda AK, Chaudhuri TK, Chakraborty R . 2017. Radical Scavenging Activities of <i>Lagerstroemia speciosa</i> (L.) Pers. Petal Extracts and its hepato-protection in CCl4-intoxicated mice.	BMC Complement Altern Med. 18;17(1):55. doi: 10.1186/s12906-016-1495	2017
3.	Tiwary BK, Ghosh R, Moktan S, Ranjan VK, Dey P, Choudhury D, Dutta S, Deb D, Das AP, Chakraborty R . (2017). Prospective bacterial quorum sensing inhibitors from Indian medicinal Plant extracts.	Lett Appl Microbiol. doi: 10.1111/lam.12748. [Epub ahead of print] PMID:28421612	2017
4.	Chowdhury SK, Hore D, Mahanta SK, Adhikari B, Mukerjee M, Mukherjee S, Chakraborty R . 2017. Prevalence of Multi-drug resistant bacteria in Betel (Piper betel L.) leaf-washed water of the road side 'Paan' Stall in Northern West Bengal.	Int. J. Sci. Res. 6: 196-200.	2017
5.	Chakraborty S, Chakraborty R . 2017. Genesis of Personalized Medicine: Relevance of Ayurveda in the present millennium.	J. Mol. Gen. Med. 11:3DOI: 10.4172/1747-0862.10002	2017
6.	Mandal SM, Chakraborty S, Sahoo S, Pyne S, Ghosh S, Chakraborty R . 2018. Novel Compound from Flowers of <i>Moringa oleifera</i> Competently Active against Multi-Drug Resistant Gram-negative Bacilli.	Infect Disord Drug Targets.. doi: 10.2174/1871526518666181001124420. [Epub ahead of print]	2018
7.	Chakraborty S, Chakraborty R . 2018. Prospects of Ayurveda in Neuromedicine.	Acta Scientific Med. Sc. 2 (18): 63-69.	2018
8.	Manna S, Ghosh M, Chakraborty R , Ghosh S, Mandal SM. 2018. A Review on Quantum Dots: Synthesis to In- silico Analysis as Next Generation	Curr Drug Targets. 2018 Jul 31. Doi:10.2174/13894501196661	2018

	Antibacterial Agents.	80731142423. [Epub ahead of print]	
Dr. Shilpi Ghosh			
	Ghosh S, Mukhopadhyay S, Sarkar M, Mandal A, Das V, Kumar A, Giri B., Biological evaluation of a halogenated triterpenoid, 2 α -bromo-dihydrobetulinic acid as an inhibitor of human topoisomerase 2 α and HeLa cell proliferation.	Chemico-Biological Interactions, 268, 68-76	2017
	Pal Roy M, Datta, S, Ghosh S. A novel extracellular low-temperature-active phytase from <i>Bacillus aryabhatai</i> RS1 with potential application in plant growth.	Biotechnology Progress 33:633-641	2017
Dr. Anoop Kumar			
1.	Ghosh S, Mukhopadhyay S, Sarkar M, Mandal A, Das V, Kumar A, Giri B.,	Chemico-Biological Interactions, 268, 68-76	2017
2.	Anukul Maji , Maidul Beg , Amit Kumar Mandal , Somnath Das , Pradeep K. Jha , Anoop Kumar , Shamila Sarwar, Maidul Hossain, Pinak Chakrabarti	Journal of Molecular structure	2017
3.	Pritam Guha, Biplab Roy, Prasant Nahak, Gourab Karmakar, Chien H. Chang, Alexey G. Bikov, Alexander B. Akentiev, Boris A. Noskov, Amit K. Mandal, Anoop Kumar , P.A. Hassan, V.K. Aswal, Takeshi Misono, Kanjiro Torigoe, Amiya K. Panda	Colloids and Surfaces A,546,334-345	2018

12. Research Projects (Major & Minor):

Major Project	
Title of the scheme project	Sanctioned authority
Dr. Dipanwita Saha	
Studies on occurrence and distribution of antibiotic resistance and virulence genes among <i>Aeromonas</i> species in sub-Himalayan West Bengal and their conjugational spread in other bacteria.	UGC, New Delhi (P.I)
Prof. Ranadhir Chakraborty	
Formulation of probiotics for major and minor carps	DBT, Govt. of West Bengal (Co-PI)

DEPARTMENT OF BOTANY

1. **Name of the Department:** Department of Botany
2. **Date of establishment:** 1984
3. **Introduction of the Department:** The Department of Botany of North Bengal University 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 small 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.

4. **Name of the Faculty:**

Professor	Associate professor	Assistant Professor
Prof. Aniruddha Saha Prof. Arnab Sen	Dr. Subhas Chandra Roy	Dr. Palash Mandal Dr. Manoranjan Chowdhury

5. **Name of the research scholars:**

- a. Arnab Kumar Chakraborty
- b. Pallab Kar
- c. Indrani Sarar
- d. Saroja Chetri
- e. Mousikha Lala
- f. Reha Labar
- g. Mousumi Sarkar Saha
- h. Indrajit Singha
- i. Pankaj Shil
- j. Biswadip Ghosh

6. **Name of the project scholars:**

- a. Soumita Bhattacharjee
- b. Somit Dutta
- c. Sandipan Ghosh
- d. Swarup Das
- e. Supriyo Ghosh

7. **Name of Non-teaching staff:**

Sumon Chatterjee, Sukanta Roy, Nayan Ranjan Ghosh, Shipen Chandra Barman, Dhiraj Chakraborty, Vivekananda Chowdhury, Atul Singha

8. **Students' strength:**

Students		Male	Female	Total
Part-I	1 st Sem	----	---	-----
	2 nd Sem	12	18	30
Part-II	3 rd Sem	--	-----	-----
	4 th Sem	14	17	

9. Seminar/ Conferences attended (Outside the country & Within the country):

Name of teacher	Title of Conference / Seminar	Venue & date	Title of the Paper presented
Prof. A. Saha	2 nd Regional Science and Technology Congress,	West Bengal, 7-8 December, 2017 at Siliguri College, Siliguri.	Detection of begomoviruses infecting tomato in sub-Himalayan West Bengal following PCR
	National Seminar on “Emerging Areas of Sericulture: Issues, Challenges and Industrial Application for Sustainable Development and Eco-Restoration”,	30 th -31 st January, 2018 at Department of Sericulture (Centre for applied biology), Raiganj University, West Bengal.	Prevalence of begomoviruses in the cucumber field of sub-Himalayan West Bengal, India.
Dr. Palash Mandal	2 nd International Conference 2017, PharmSci 2017	Columbia Institute of Pharmacy, Raipur, 23-24 September 2017	Enhancement of therapeutic potential in <i>Trigonella foenum-graecum</i> L. by calcium and nitric oxide elicitation
Dr. Palash Mandal	IBC, 2017. XIX International Botanical Congress, Shenzhen China	23-29 July, 2017 at Shenzhen China.	Role of Calcium and Nitric Oxide in Enhancement of Therapeutic Potential and Oxidative Stress Management in <i>Trigonella foenum-graecum</i> L.”.
Dr. M. Chowdhury	International Botanical Congress	Convention & Exhibition Centre, Shenzhen, china. 23 rd -29 th July 2017	Aquatic and Semi aquatic angiosperms diversity, palynology and their conservation from the wetlands of sub-Himalayan

			West Bengal, India
Dr. M. Chowdhury	XVII Annual Conference of IAAT & International Symposium on “ Plant Systematics: Priorities and Challenges	12 th November 2017	Ultra-morphological study of Pollen grains of some aquatic semi aquatic plants
Dr. M. Chowdhury	National Symposium and Annual Meeting of EHSST	BSI- Shillong, Meghalaya. 8 th – 9 th March 2018	‘ Himalayan Plant Diversity: taxonomy, Conservation and Utilisation.

10. Organized Seminar/ Conferences (01-04-2017 to 31-03-2018)

Name of the seminar/ conferences	Date of the seminar/ conferences	
NIL	Nil	Nil

11. Publications:

Sl. No.	Name of the author(s)	Name of the Book/Journal/Volume	Year of Publication
Prof. Arnab Sen			
	Name of the Author	Name of the book/ Journal /Volume	Year of publication
•	Sarkar I, Tisa LS, Gtari M and Sen A	J Basic Microbiol. . IF: 1.438	2017
•	Dutta S, P Dey, MRSaha, I Sarkar, R Sarkar, JA Mardi, J Barman, A Sen, TK Chaudhuria	J Functional Foods IF: 3.144	2017
•	Pal S, I Sarkar, A Roy. PKDM Patra, KC Mondal and A Sen	Genetica IF: 1.207	2017
•	Goyal AK, Middha S, Usha T, Sen A	Biotech 7:120, IF: 1.361	2017
•	Gueddou A, Swansonb E, Ktari A, Nouioui I, Hezbri K, Ghodhbane-Gtari F, Simpson S, Morris K, Thomas W. k, Sen A, Gtaria M, Tisa L	GenomeA vol. 5 no. 15 e00174-17	2017
•	Rai, R., Swanson, E., Sarkar, I., Lama, D., Abebe-Aleke, F., Simpson, S., . & Sen, A	GenomeA, 5(15), e00175-17.	2017
•	Ktari, A., Gueddou, A., Nouioui, I., Miotello, G., Sarkar, I., Ghodhbane-Gtari, F., ...Sen A & Gtari, M	Frontiers in Microbiology, 8. DOI: 10.3389/fmicb.2017.00720 IF: 4.076	2017

Prof. A. Saha			
•	Chakraborty P. , Das S., Saha B., Karmakar A., Saha D. and Saha A. (2017) <i>Rose rosette virus</i> : an emerging pathogen of garden roses in India.	<i>Australasian Plant Pathology</i> 46(3) : 223-226. (Thomson Reuters IF: 1.085)	2017
•	Das S., Chakraborty P. , Mandal P., Saha D. and Saha A. (2017) Phenylalanine ammonia-lyase gene induction with benzothiadiazole elevates defence against <i>Lasiodiplodia theobromae</i> in tea in India.	<i>Journal of Phytopathology</i> 165(11-12) : 755-761. (Thomson Reuters IF: 0.853)	2017
•	Mandal H., Chakraborty P. , Das S., Saha A., Sarkar T., Saha D. and Saha A. (2017) Biocontrol of virulent <i>Ralstonia solanacearum</i> isolates by an indigenous <i>Bacillus cereus</i> .	<i>International Journal of Agricultural Technology</i> 13(1) : 19-30.	2017
Dr. S. C. Roy			
•	Prof. S.C. Roy	<i>Molecular breeding & genetic Resources of Tulaipanji Rice, Lambert, Germany. ISBN-978-3-330-08978-5</i>	2017
Dr. P. Mandal			
•	Misra TK, Nanda AK, Mandal Palash , Saha A	<i>International Journal of Research in Chemistry and Environment</i> . 8(1)	2017
•	Bhattacharya P, Jha S, Ghosh A, Mandal Palash	<i>International Journal of Medical and Applied Research</i> , 4(2):	2017
•	Bhattacharya P, Jha S, Ghosh A, Mandal Palash	<i>Harvest</i> , 2	2017
•	Roy P, Mandal Palash , Panda S	<i>World Scientific News</i> . 90	2017
•	Gupta SK and Mandal Palash	<i>Asian Journal of Pharmaceutical and Clinical Research</i> . 10(5):	2017
•	Gupta SK, Islam N, Choudhuri C, Mandal Palash	<i>International Journal of Pharmacy and Pharmaceutical Sciences</i> . 9(5):	2017
•	Mukhia S, Mandal Palash , Singh DK, Singh D	<i>Journal of Pharmacy Research</i> . 11(6)	2017
•	Subba A, Dutta B, Sahu RK, Mandal Palash	<i>Journal of Pharmacy Research</i> . 11(4):	2017
Dr. M. Chowdhury			
•	S.K. Basu & Monoranjan Chowdhury, Sujit Mondal, Anurag Chowdhury	<i>Plant Archives</i> , 17 (1)	2017
•	Dipanwita Debnath, Dibakar Chowdhury, Monoranjan Chowdhury & A.P. Das	Pleione 11 (1)	2017
•	Anurag Chowdhury, R. Biswas, M. Chowdhury and A.P. Das	<i>Journal of Economic & Taxonomic Botany</i> 40 (1-2)	2017
•	Sujit Mandal, S.K. Basu, & M. Chowdhury	<i>Phytotaxonomy</i> 17	2017

•	Baisakhi Sarkar, Mridushree Basak, Monoranjan Chowdhury & A.P. das	<i>Plant Archives, 18 (1)</i>	2018
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12. Research Projects (Major & Minor)

Sl. No.	Major Research Project		
	Title of the Scheme Project	Sanctioned Authority	PI & Co-PI
4	1. Establishment of Bioinformatics Infrastructure Facility (BIF) for promotion of biology teaching through bioinformatics (BTBI) under BTISnet program	DBT, Govt. of India	Arnab Sen
5	2. A Bioinformatics perspective to impede the Tubercle bacillus (TB) devastation in West Bengal.	DBT, WB	Arnab Sen
	3. Phytoremediation of Heavy Metal Contaminated Soils in Tunisia and India using <i>Frankia-Alnus</i> symbiosis	DST , GOVT OF INDIA	Arnab Sen
	Inventorization of Sacred Groves in Uttar and Dakshin Dinajpur Districts of West Bengal	West Bengal Bio-Diversity Board [490 / 5K(Bio)-6/2017 dated 29/06/2017	Dr. Palash mandal

Sl. No.	Minor Research Project		
	Title of the Scheme Project	Sanctioned Authority	PI & Co-PI
10	Improving the economics attributes of silkworm rearing by mulberry leaves elicitation with plant growth regulators	North Bengal University [Ref. No. 114/R-2018 (SF-15) dated 08.01.2018]	Dr. Palash mandal
11	Study of Diversity , ethno-botany and palynological study of some wild palms and their conservation from terai and Darjeeling hills' Ref. No. 115/R-2018 (SF-14) dt 08.01.2018	University Research Grant	Dr. M. Chowdhury

13. **Visiting Fellow:** NIL

14. **Any other information: Participation of Scholar:**

i) analysis by real-time PCR” organized by South Asian University, New Delhi, India (December 14-16, 2017).

ii) **Das S.:** Participated in International hands-on training on “Gene expression analysis by real-time PCR” organized by South Asian University, New Delhi, India (December 14-16, 2017).

iii) **Awards/ Honours received:** Nil

BIOINFORMATICS FACILITY

Name of the Project Scholar, Project, Supervisor name, email address of the scholar, Category (General/OBC-A/OBC-B, SC/ST), Gender (F/M), Date of joining, Date of Registration (if Registered or write N/A)

Name	Project	Supervisor name	Category and Gender (F/M)	Date of Joining	Date of Registration (if Registered or write N/A)
Pallab Kar	Creation of Bioinformatics Infrastructure Facility (BIF).....bioinformatics (BTBI) under BTISnet programme	Prof. Arnab Sen	General & Male	01/05/2014	01/06/2014
Sandipan Ghosh	Creation of Bioinformatics Infrastructure Facility (BIF).....bioinformatics (BTBI) under BTISnet programme	Prof. Arnab Sen	General & Male	10/04/2018	N/A
Swarup Das	Creation of Bioinformatics Infrastructure Facility (BIF).....bioinformatics (BTBI) under BTISnet programme	Prof. Arnab Sen	SC & Male	19/11/2018	N/A

Organized Seminar cum workshop:

National Seminar cum workshop on bioinformatics organized by NBU-Bioinformatics facility dated: March, 2018.

National Seminar cum Workshop on
BIOINFORMATICS

March 17-19, 2018

**Theme: Microbial Diversity and Environment- a
 Bioinformatic Perspective**

Jointly organized by:

Bioinformatics Centre • Department of Botany
University of North Bengal

For more information visit: www.bicnbu.in



Prof. Arnab Sen with participants during hands on training

Number of Ph. D's awarded

Name of the PhD scholar	Name of the Department	Name of the guide/s	Title of the thesis
Ayan Roy	Bioinformatics Facility (Jointly by Dept of Botany)	Prof. Arnab Sen	Riddles of human intestinal microflora- a bioinformatics perspective

Seminar/Conferences /Webinar attended (Outside the Country & Within the Country):

Name of the Teacher/Officer	Name of the Seminars/Conferences	Venue & Date	Title of the paper presented
Prof. Arnab Sen	National Seminar: Current Trends in Plant & Microbial Research- 2017	Raiganj University & 23/03/2017 and 24/03/2017	Microbial diversity and environment- a bioinformatic perspective

Publications:

Title of paper	Name of the author/s	Name of journal	Year of publication
Amelioration of CCl ₄ induced liver injury in swiss albino mice by antioxidant rich leaf extract of <i>Croton bonplandianus</i> Baill.	Dutta S, AK Chakraborty, P Dey, P Kar, P Guha, S Sen, A Kumar, A Sen, TK Chaudhuri	PLOS One	2018
Stimulation of Murine Immune Response by <i>Clerodendrum infortunatum</i>	Dutta S, A Chakraborty, P Kar, A Sen and TK Chaudhuri	Pharmacogn Mag	2018
Comparative genomics of <i>Mycobacterium</i> reveals evolutionary trends of <i>M. avium</i> complex	Saha MS, S Pal, I Sarkar, A Roy, PKD Mohapatra and A Sen	Genomics	2018
Comprehensive profiling of functional attributes, virulence potential and evolutionary dynamics in mycobacterial secretomes	Roy A, Sen A, Chakraborty S and Sarkar I	World J Microbiol Biotechnol.	2018
<i>Acacia nilotica</i> leaf improves insulin resistance and hyperglycemia associated acute hepatic injury and nephropathy by improving systemic antioxidant status in diabetic mice	Saha MR, Dey P, Sarkar I, Sarker D, Haldar B, Chaudhuri TK, Sen A.	Journal of Ethnopharmacology	2018
Biosynthetic energy cost of potentially highly expressed proteins vary with niche in selected actinobacteria.	Sarkar I, Tisa LS, Gtari M and Sen A	Journal of Basic Microbiol	2017
Differential interaction with O ₂ and N ₂ free-radicals, phytochemical fingerprinting and molecular docking reveals potent antioxidant activities of three major recreational foods of the Indian subcontinent	Dutta S, P Dey, MRSaha, I Sarkar, R Sarkar, JA MardiJ Barman, A Sen, TK Chaudhuri	J Functional Foods	2017
Comparative evolutionary genomics of <i>Corynebacterium</i> with special reference to codon and amino acid usage diversities	Pal S, I Sarkar, A Roy. PKDM Patra, KC Mondal and A Sen	<i>Genetica</i>	2017
Host plant compatibility shapes the proteogenome of <i>Frankia coriariae</i> .	Ktari, A., Gueddou, A., Nouioui, I., Miotello, G., Sarkar, I., Ghodhbane-Gtari, F., ...Sen A & Gtari	<i>Frontiers in Microbiology</i>	2017

Research Projects (Major & Minor):

Major Research Project		
Title of the Scheme Project	Sanctioned Authority, Amount, Year of sanction and duration	
Creation of Bioinformatics Infrastructure Facility (BIF) for promotion of biology teaching through bioinformatics (BTBI) under BTISnet program	Sanctioned Authority: DBT, Govt of India. Amount: 25,07,400/- Year of sanction and duration: 01/04/2017; 3 years	

Awards received by Faculties:

- ❖ Incentive awards for publications (2017) entitled "Stone-dwelling actinobacteria *Blastococcus saxobidens*, *Modestobacter marinus* and *Geodermaphilus obscurus* proteogenomes", DBT, Govt. of India.

DEPARTMENT OF CHEMISTRY

1. **Name of the Department** : Chemistry

2. **Date of Establishment** : 1963

Introduction of the Department : The Department of Chemistry has M. Sc. 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. A good number of students qualify the NET examinations every year. The Department was selected by the UGC for Special Assistance Programme under Departmental Research Support category. The department has also received assistance from the Department of Science and Technology under its FIST programme under which major instruments, viz, one 300 MHz & one 400 MHz FTNMR machines have been installed.

3. **Name of the Faculty:**

Professor	Associate Professor	Assistant Professor
B. Basu M. N. Roy P. Ghosh A. Misra	P. Bandyopadhyay A. Majumder	B. Sinha S. Das

4. **Name of the Research Scholars:**

Sl. No.	Name of the Scholar	Designation	Funding Agencies
01	Smt. Koyeli Das	JRF	UGC-RGNF
02	Mr. Bittu Saha	JRF	UGC-BSR
03	Smt. Gulmi Chakrabarty	JRF	UGC-BSR
04	Mr. Rabindra Nath Singha	JRF	UGC
05	Mr. Prasun Chowdhury	JRF	CSIR
06	Mr. Dibakar Roy	JRF	UGC
07	Mr. Pritam Guha	SRF	UGC-BSR
08	Mr. Biplab Roy	SRF	DST
09	Smt. Manoswita Homray	JRF	UGC
10	Smt. Tanushree Sutradhar	JRF	UGC-RGNF
11	Mr. Abhijit Sarkar	JRF	UGC
12	Mr. Rajendra Pradhan	Teacher Fellow	UGC
13	Mr. Dipu Kumar Misra	JRF	UGC-BSR
14	Mr. Kaushik Acharjee	JRF	UGC-BSR
15	Smt. Puja Basak	JRF	CSIR
16	Smt. Bijeta Mitra	JRF	CSIR
17	Mr. Biraj Kr. Barman	JRF	UGC-RGNF
18	Mr. Subhadeep Saha	SRF	UGC
19	Mr. Sujan Paul	JRF	UGC
20	Mr. Biswajit Datta	SRF	UGC
21	Smt. Siti Barman	SRF	UGC
22	Mr. Manoj Mazumder	Teacher Fellow	UGC
23	Miss Sultana Yasmin	JRF	UGC
24	Smt. Amrita Mitra	SRF	UGC-BSR
25	Smt. Ananya Das	JRF	UGC
26	Mr. Sankar Saha	JRF	UGC
27	Smt. Aditi Roy	JRF	UGC
28	Mr. Gourav Karmakar	SRF	DST
29	Mr. Raja Ghosh	JRF	UGC
30	Smt. Mitali Kundu	JRF	UGC-BSR
31	Md. Mossaraf Hossain	SRF	UGC-BSR

32	Miss Ananya Yesmin	JRF	UGC
33	Mr. Bhaskar Ganguly	SRF	UGC
34	Miss Suchandra Bhattacharya	JRF	CSIR
35	Mr. Amarjit Kamath	JRF	UGC
36	Mr. Binoy Chandra Saha	JRF	UGC
37	Mr. Sudip Sarkar	JRF	UGC
38	Smt. Seema Dwivedi	JRF	UGC
39	Mr. Kalipada Sarkar	JRF	UGC
40	Mr. Uttam Kumar Singha	JRF	UGC
41	Mr. Sourav Dey	JRF	UGC
42	Mr. Kanak Roy	SRF	UGC-RGNF

5. Name of the Project Scholars :

Sl. No.	Name of the Project Scholar (s)
1	Miss Madhurima Paulchowdhuri
2	Miss Prodipta Sarbadhikary
3	Mr. Biplab Rajbanshi
4	Mr. Sayantan Roy

6. Name of the Non-Teaching Staff :

Name	Designation
S. K. Ghosh	Record Keeper
N. C. Barman	Lab Attndt., Grade II
G. C. Roy	Lab Attndt., Grade II
H. L. Tigga	Sr. Peon
A. Sharma	Lab Attndt., Grade III
Y.Mandal	Lab Attndt., Grade III
S. Roy	Tech. Asstt., Grade I
D. J. Roy	Tech. Asstt., Grade I
S. Mozumder	Tech. Asstt., Grade I
A. Sarkar	Tech. Asstt., Grade I
N. Paul	Office Assistant (Contractual)

7. Students Strength

Students		Male	Female	Total
Part - I	1 st Sem.	33	17	50
	2 nd Sem.	29	20	49
Part - II	3 rd Sem.	29	20	49
	4 th Sem.	28	17	45

8. Seminar/Conference attended (Outside the Country & Within the Country) :

9. Seminar/ Conference attended:

10. 1. Plenary Lecture: January 11-12, 2017, National Symposium on Advances in Chemical Sciences

11. (NSACS-2017), Assam University, Silchar, Assam

12. 2. Invited Speaker: April 08, 2017, Balurghat College, Dakshin Dinajpur, WB: UGC-sponsored

13. Seminar: Title: Carbon Nanomaterials: Background and Emerging Trends.

14. 3. Invited Speaker: March 16, 2017, Raiganj University, Uttar Dinajpur, WB: UGC-sponsored

15. Seminar: Title: Carbon-based Nanomaterials: Sustainable Scenarios.

16. 4. Invited Speaker: November 12, 2016, Gour College, Malda, WB: UGC-sponsored Seminar: Title:

17. Chemistry and Nanoscience: Perspective and Few Applications

18. Seminar/ Conference attended:
19. 1. Plenary Lecture: January 11-12, 2017, National Symposium on Advances in Chemical Sciences
20. (NSACS-2017), Assam University, Silchar, Assam
21. 2. Invited Speaker: April 08, 2017, Balurghat College, Dakshin Dinajpur, WB: UGC-sponsored
22. Seminar: Title: Carbon Nanomaterials: Background and Emerging Trends.
23. 3. Invited Speaker: March 16, 2017, Raiganj University, Uttar Dinajpur, WB: UGC-sponsored
24. Seminar: Title: Carbon-based Nanomaterials: Sustainable Scenarios.
25. 4. Invited Speaker: November 12, 2016, Gour College, Malda, WB: UGC-sponsored Seminar: Title:
26. Chemistry and Nanoscience: Perspective and Few Applications
27. Seminar/ Conference attended:
28. 1. Plenary Lecture: January 11-12, 2017, National Symposium on Advances in Chemical Sciences
29. (NSACS-2017), Assam University, Silchar, Assam
30. 2. Invited Speaker: April 08, 2017, Balurghat College, Dakshin Dinajpur, WB: UGC-sponsored
31. Seminar: Title: Carbon Nanomaterials: Background and Emerging Trends.
32. 3. Invited Speaker: March 16, 2017, Raiganj University, Uttar Dinajpur, WB: UGC-sponsored
33. Seminar: Title: Carbon-based Nanomaterials: Sustainable Scenarios.
34. 4. Invited Speaker: November 12, 2016, Gour College, Malda, WB: UGC-sponsored Seminar: Title:
35. Chemistry and Nanoscience: Perspective and Few Applications
36. Seminar/ Conference attended:
37. 1. Plenary Lecture: January 11-12, 2017, National Symposium on Advances in Chemical Sciences
38. (NSACS-2017), Assam University, Silchar, Assam
39. 2. Invited Speaker: April 08, 2017, Balurghat College, Dakshin Dinajpur, WB: UGC-sponsored
40. Seminar: Title: Carbon Nanomaterials: Background and Emerging Trends.
41. 3. Invited Speaker: March 16, 2017, Raiganj University, Uttar Dinajpur, WB: UGC-sponsored
42. Seminar: Title: Carbon-based Nanomaterials: Sustainable Scenarios.
43. 4. Invited Speaker: November 12, 2016, Gour College, Malda, WB: UGC-sponsored Seminar: Title:
44. Chemistry and Nanoscience: Perspective and Few Applications

Name of the teacher	Name of the Seminars/ Conference	Venue & Date	Title of the paper Presented
Prof. P. Ghosh	Workshop jointly organized by Indian Chemical Society and CPBU, Coochbehar	Coochbehar Panchanan Barma University, Coochbehar, March 2018	
	One-day National Seminar	Raiganj University November 2017	
Prof. M. N. Roy	National Seminar on Human Diseases	Islampur College, Islampur	Foundation of Gout Pain and its Remedial measures
	National Seminar on Hazardous materials	Kalipada Ghosh Tarai Mahavidyalaya, Bagdogra	Biodegradable and Non-biodegradable materials and their utilities
	International Conference: Fifth Global Conference in Chemistry	London, UK	Encapsulation of Vitamin B and C molecules into beta-Cyclodextrin molecule.
	International Conference on	Rajshahi University,	Plastics: Advantages and

	Chemistry	Bangladesh	Disadvantages
Prof. A. Misra	CRSI NSC 21	CSIR-IICT: July 2017	
	Delivered Invited Lecture in “ACCIS 2017”	Malaya University Kuala Lumpur: August 2017	
	Delivered Lectures at Academy Lecture workshop	Itachuna College, West Bengal in December 2017.	
	Delivered Invited Lecture in “Asia Pacific Conference in Theoretical and Computational Chemistry”	IIT Bombay December 2017.	
	Delivered Bronze Medal Lecture in 22 nd CRSI NSC	Raipur, February 2018.	
	Delivered Invited Lecture in “International Conference on Systems and Processes in Physics, Chemistry and Biology”	Assam University, Silchar March, 2018.	
Dr. B. Sinha	Science Academies Lecture Workshop on “Frontiers in Chemical and Material Sciences: Theory and Practice”	8-10 th Feb 2018 organized by Department of Chemistry, N. B. U.	
	54 th Annual Convention of Chemists 2017 (Nation Conference)	Uka Tarsadia University, Surat during 23-25 th Dec 2017	
	Workshop on Restructuring the Under-Graduate Syllabus Based on CBCS (Honours & General)	organized by Council for Under-Graduate Studies in Arts, Science and Law & Board of Under-Graduate Studies in Chemistry, N. B. U on 30 th Oct 2017 held in the conference Hall, N. B. U.	
	Frontiers in Chemistry 2017-18	Department of Chemistry, N. B. U on 14 th Sep 2017.	
Dr. S. Das	Oral Presentation (West Bengal Science Congress)	Science City, Kolkata, 2017	“Synthesis of Biaryl ketones via C-S bond cleavage of Thiol-ester using Cu & Ag salt”

10. Organized Seminar/Conferences:

Name of the Seminar/Conference	Date of the Seminar/Conference	
Invited Lecture: Prof. Bimal Krishna Banik Vice President of Research and Education Development of Community Health Systems of South Texas (He was a tenured full Professor and first President’s Endowed Professor at the University of Texas-Pan American and an Assistant Professor of University of Texas M. D. Anderson Cancer Center) Title: “Search for Novel Anticancer Beta Lactams: Chemical Manipulations and Preclinical Studies”	Venue: Chemistry Gallery, Dept. of Chemistry, NBU Date: 05.04.2017 Time: 03:45 P.M.	
Invited Lecture: Dr. Tanaya Bose, Post-doctoral Fellow, Department of Structural Biology, Weizmann Institute of Science, Israel Title: DNA/RNA: Next generation target of various diseases	Venue: Chemistry Gallery, Dept. of Chemistry, NBU Date: 17.04.2017 Time: 04:00 P.M. Onwards	

Invited Lecture: Dr. Debabrata Dey Post-doctoral Fellow, Department of Biomolecular Sciences, Weizmann Institute of Science, Israel Title: Interaction of cationic polymers with DNA and their possible role in GENE therapy research	Venue: Chemistry Gallery, Dept. of Chemistry, NBU Date: 17.04.2017 Time: 04:00 P.M. Onwards	
Frontiers in Chemistry: 2017-18	Venue: Chemistry Gallery, Dept. of Chemistry, NBU Date: September 14, 2017	
Bharat Ratna Professor C. N. R. Rao Endowment Lecture – 2017 by Prof. Sourav Pal	Venue: Chemistry Gallery, Dept. of Chemistry, NBU Date: September 18, 2017	
Science Academies' Lecture Workshop on Frontiers in Chemical and Material Sciences: Theory and Practice	Venue: Chemistry Gallery, Dept. of Chemistry, NBU Date: February 8-10,2018	
Invited Talk: Narayanasami Sathyamurthy Indian Academy of Sciences, Bangalore	Venue: Chemistry Gallery, Dept. of Chemistry, NBU Date: February 13,2018	
Frontiers in Chemistry Funded by: UGC-SAP (DRS-III)	Venue: Chemistry Gallery, Dept. of Chemistry, NBU Date: March 29,2018	

11. Publication:

Sl. No.	Name of the Author	Name of the Book/Journal/Volume	Year of Publication
1.	P. Ghosh, K. Dey, M. Upadhyay, T. Das,	Multifunctional biodegradable lube oil additives: Synthesis, characterization, and performance evaluation, Petroleum Science and Technology.(<i>Pet. Sci. Tech.</i>) 2017, 35 (1), 66-71.	2017
2.	Mahua Upadhyay, Koushik Dey and Pranab Ghosh	Acrylate – α – pinene copolymer as biodegradable multifunctional additives for lube oil,Journal of Scientific and Industrial Research. 2017, 76, 303.	2017
3.	Mahua Upadhyay, Debasish Kumar Saha and Pranab Ghosh	Dodecylmethacrylate – behenyl acrylate copolymers as potential multifunctional additive for lubricating oil. Journal of Scientific and Industrial Research., Accepted for publication. 2018, MS ID: JSIR/MS/2018/JSIR-9108 (04).	2018
4.	Antara Sarkar, Jayanta Das and Pranab Ghosh,	p-TsOH-Catalyzed one-pot transformation of di- and trihydroxy steroids towards diverse A/B-ring oxo-functionalization, New Jr. Chem. ,(RSC Publications),2017, 41 , 9051-9060 ; DOI:10.1039/c7nj01878a.	2017
5.	Debasish Kumar Saha, Mahua Upadhyay and Pranab Ghosh	Dodecylmethacrylate - olive oil copolymers as potential biodegradable pour point depressant for lubricating oil, Petroleum Science and Technology, 2017, 4, 1-7.	2017
6.	Pranab Ghosh, Mainul Hoque & Gobinda Karmakar	Castor oil as potential multifunctional additive in the formulation of eco-friendly lubricant. Polym. Bull. 2018, 75(2), 501- 514, DOI: 10.1007/s00289-017-2047-6.	2018
7.	Sujit Ghosh, Kinkar Biswas, Suchandra Bhattacharya, Pranab Ghosh and Basudeb Basu,	Effect of the ortho-hydroxy group of salicylaldehyde in the A ³ coupling reaction: A metal-catalyst-free synthesis of propargylamine, Beilstein J. Org. Chem. 2017, 13, 552–557. doi:10.3762/bjoc.13.53	2017

8.	Pranab Ghosh, Mainul Hoque, Gobinda Karmakar, and Malay Kr. Das	Dodecyl methacrylate and vinyl acetate copolymers as viscosity modifier and pour point depressant for lubricating oil, <i>International Journal of Industrial Chemistry</i> , (Springer) 2017, 8(2): 197-205. DOI 10.1007/s40090-017-0119-y.	2017
9.	Suchandra Bhattacharya, Pranab Ghosh, Basudeb Basu	Graphene Oxide (GO): An Efficient Carbocatalyst for the Benign Synthesis of Functionalized 1,4-Benzothiazines, <i>Tetrahedron Letters</i> , 2017, 58(10), 926-931. DOI: 10.1016/j.tetlet.2017.01.068.	2017
10.	Pranab Ghosh, Mainul Hoque & Gobinda Karmakar	Terpolymers based on sunflower oil/alkyl acrylate/styrene as sustainable lubricant additive, <i>Polymer Bulletin</i> . 2017, 74, 2685-2700. [DOI 10.1007/s00289-016-1863-4].	2017
11.	Pranab Ghosh, Mainul Hoque, Gobinda Karmakar and Sultana Yeasmin	Castor oil based multifunctional greener additives for lubricating oil, Current Environmental Engineering (Bentham Science), 2017, 4(2), 197-206.	2017
12.	Mahua Upadhyay, Sujit Talikdar & Pranab Ghosh	β -Pinene – acrylate copolymer as a potential biodegradable multifunctional additives for lube oil, <i>Petroleum Science and Technology</i> , 2017, 35 (21), 2051-2058.	2017
13.	M. N. Roy, Aditi Roy,	Cage to cage study of ionic liquid and cyclic oligosaccharides to form inclusion complexes, <i>RSC Advances</i> , 2017.	2017
14.	M. N. Roy, Aditi Roy,	Exploration of inclusion complexes of probenecid with α and β -cyclodextrins: Enhancing the utility of the drug. Journal of Molecular Structure, 2017	2017
15.	M. N. Roy, Biswajit Datta,	Inclusion complexation of tetrabutylammonium iodide by cyclodextrins, <i>Journal of Chemical Sciences</i> , 2017.	2017
16.	M. N. Roy, Aditi Roy,	Cage to cage study of ionic liquid and cyclic oligosaccharides to form inclusion complexes, <i>RSC Advances</i> , 2017.	2017
17.	M. N. Roy, Subhadeep Saha,	Probing supramolecular complexation of cetylpyridinium chloride with crown ethers, <i>Journal of Molecular Structure</i> , 2017.	2017
18.	M. N. Roy, Subhadeep Saha,	Mechanistic Investigation of Inclusion Complexes of a Sulfa Drug with α - And β -Cyclodextrins, Industrial & Engineering Chemistry Research, 2017.	2017
19.	M. N. Roy, Subhadeep Saha,	Exploration of complexes of 18-crown-6 with three similarly substituted imidazolium, pyridinium and pyrrolidinium ionic liquids. <i>Chemical Physics Letters</i> , 2017.	2017
20.	M. N. Roy, Siti Barman,	Preparation, characterization and binding behaviors of host-guest inclusion complexes of metoclopramide hydrochloride with α - and β -cyclodextrin molecules, <i>Journal of Molecular Structure</i> , 2017.	2017
21.	M. N. Roy, Siti Barman,	Investigation on Solvation Behavior of an Ionic Liquid (1-butyl-3-methylimidazolium Chloride) with the Manifestation of Ion Association Prevailing in Different Pure Solvent Systems, <i>Indian Journal of Advances in Chemical Sciences</i> , 2017.	2017
22.	M. N. Roy, Siti Barman,	Interactions of an antifungal sulfa drug with diverse macrocyclic polyethers explaining mechanism, performance and physiognomies leading to formation of stable complexes, <i>Journal of Molecular Liquids</i> , 2017.	2017
23.	M. N. Roy, Mitali Kundu,	Supramolecular Assembly of Ionic Liquid with Cyclic Polyethers to Form Inclusion Complexes, <i>Indian Journal of Advances in Chemical Sciences</i> , 2017.	2017
24.	M. N. Roy, Mitali Kundu,	Subsistence of inclusion complex via assembly of a drug into cyclic oligosaccharide: Its formation, mechanism, behaviour and importance, <i>Spectrochimica Acta Part A Molecular and</i>	2017

		Biomolecular Spectroscopy, 2017.	
25.	M. N. Roy, Mitali Kundu,	Preparation, Interaction and Spectroscopic Characterization of Inclusion complex of a Cyclic Oligosaccharide with an Antidepressant Drug, Journal of inclusion phenomena and macrocyclic Chemistry, 2017.	2017
26.	M. N. Roy, Mitali Kundu,	Evidences for complexations of β -cyclodextrin with some amino acids by ^1H NMR, surface tension, volumetric investigations and XRD, Journal of Molecular Liquids, 2017.	2017
27.	M. N. Roy, Koyeli Das, Biplab Rajbanshi,	Studies of Solvation behaviour of LiI prevailing in diverse solvent systems conductometrically and spectrometrically supported by ab-initio technique, Chemical Physics Letters, 2017.	2017
28.	M. N. Roy, Kanak Roy	Study on Host-Guest Inclusion Complexation of a Drug in Cucurbit [6]uril. Zeitschrift für Physikalische Chemie, 2017.	2017
29.	M. N. Roy, Kanak Roy,	Inclusion of Tyrosine Derivatives with α -Cyclodextrin in Aqueous Medium of Various pH Conditions by Surface Tension, Conductance, UV-Vis and NMR Studies, Journal of Molecular Liquids, 2017.	2017
30.	M. N. Roy, Koyeli Das,	Assorted Interactions of Amino Acids Prevailing in Aqueous Vitamin C Solutions Probed by Physicochemical and Ab-Initio Contrivances, Chemical Physics Letters, 2017.	2017
31.	M. N. Roy*, Mitali Kundu, Subhadeep Saha,	Evidences for complexations of β -cyclodextrin with some amino acids by ^1H NMR, surface tension, volumetric investigations and XRD, May 2017, Journal of Molecular Liquids, 2017.	2017
32.	M. N. Roy*, Siti Barman, Biraj Kumar Barman,	Preparation, characterization and binding behaviors of host-guest inclusion complexes of metoclopramide hydrochloride with α - and β -cyclodextrin molecules, Journal of Molecular Structure, Nov 2017.	2017
33.	M. N. Roy, Koyeli Das,	Conjoint beneficial impacts of lithium-ion along with aqueous vitamin in driven rechargeable batteries and also in neurotransmitter drugs, Journal of Advances in Chemical Sciences, 2017.	2017
34.	M. N. Roy*, Siti Barman, Biraj Kumar Barman,	Preparation, characterization and binding behaviors of host-guest inclusion complexes of metoclopramide hydrochloride with α - and β -cyclodextrin molecules, Journal of Molecular Structure, 2017	2017
35.	M. Majumder, T. Goswami and A. Misra	Multifunctional Magnetic Materials of Organic Origin for Biomedical Applications: A Theoretical Study, <i>ChemistrySelect</i> , 3 , 933-939 (2018).	2018
36.	S. Mandal, T. Goswami, G. H. Jana, A. Misra and P. K. Chattaraj	A possible reason behind the initial formation of pentagonal dodecahedron cavities in si-methane hydrate nucleation: A DFT study, <i>Chem. Phys. Lett.</i> 619 , 415-420 (2018).	2018
37.	R. Kar, B. C. Paul and A. Misra,	Unconventional superconductivity in iron pnictides: Magnon mediated pairing, <i>Physica C</i> , 545 , 18-25 (2018).	2018
38.	A. K. Mondal, T. Goswami, A. Misra and S. Konar	Probing the Effects of Ligand Field and Coordination Geometry on Magnetic Anisotropy of Pentacoordinate Cobalt(II) Single-Ion Magnets, <i>Inorg. Chem.</i> 56 , 6870-6878 (2017).	2017
39.	T. Goswami, M. Homray, S. Paul, D. Bhattacharya and A. Misra,	On Exo-cyclic Aromaticity, <i>Phys. Chem. Chem. Phys.</i> (Communication) 19 , 11744-11747 (2017).	2017

40.	S. Sarkar, T. Goswami, D. Bhattacharya and A. Misra	On the performance of generalized valence bond theory in predicting magnetic exchange coupling constant in organic diradicals: A comparison with Hartree-Fock theory, <i>comp. theor. Chem.</i> , 1116, 220 (2017).	2017
41.	A. Sarkar and B. Sinha ,	Books/Monographs: Host-guest interactions between a drug and cyclodextrin: Inclusion Complex Formation And Solution Behavior, 2017, Lambert Academic Publishing, Germany, ISBN: 978-6202010283.	2017
42.	A. Sarkar and B. Sinha ,	Books/Monographs: Interactions between an anticancer agent and cyclodextrin: Inclusion Complex Formation And Solution Thermodynamics. 2017, Lambert Academic Publishing, Germany, ISBN: 978-3330044425.	2017
43.	A. Sarkar and B. Sinha ,	Books/Monographs: Interactions of an anti-diabetic drug in aqueous D-glucose solutions: Volumetric, viscometric and acoustic methods. 2018, Lambert Academic Publishing, Germany, ISBN: 978-3-659-61683-9.	2018
44.	A. Das, D. K. Mishra, B. Sinha	A Pd(II) complex of a β -cyclodextrin-based polydentate ligand: an efficient catalyst for the Suzuki reaction in aqueous media. <i>Journal of Coordination Chemistry</i> 70 (2017) 3035-3047	2017
45.	D. Brahman, A. Kamath, D. K. Mishra, B. Sinha	Solution Thermodynamics of <i>N</i> , <i>N'</i> -Ethylenebis(salicylideneiminato)-diaquochromium(III) Chloride in Aqueous Dimethylsulphoxide. <i>Journal of Solution Chemistry</i> 46 (2017) 589-612.	2017
46.	D. K. Mishra, A. Das, A. Kamath, B. Sinha	Solution thermodynamics and taste behaviour of nicotinic acid in aqueous sodium gluconate solutions: A volumetric and rheological perspective. <i>Journal of Molecular Liquids</i> 230 (2017) 662-666.	2017
47.	A. Sarkar, B. Sinha	Volumetric, Acoustic and Transport Properties of Metformin Hydrochloride Drug in Aqueous D-Glucose Solutions at T = (298.15 –318.15) K. <i>Journal of Solution Chemistry</i> 46 (2017) 424-445.	2017
48.	R. Pradhan, B. Sinha	Thermophysical properties of the binary blends of cyclohexane with some esters. <i>Journal of the Serbian Chemical Society</i> 82 (2017) 189-202.	2017
49.	M. Saha, S. Sengupta, B. Sinha , D. K. Mishra	Assessment of Physico-Chemical Properties, Some Heavy Metals and Arsenic of River Teesta in Jalpaiguri District, West Bengal, India. <i>Asian J. Research Chem.</i> 10 (2017) 1-6.	2017
50.	A. Sarkar, H. Rahaman, U. K. Singha, B. Sinha	Solute-solute and Solute-solvent Interactions of Paracetamol in Aqueous Solutions of β -cyclodextrin at Different Temperatures: A Volumetric and Viscometric Approach. <i>Indian Journal of Advances in Chemical Science</i> 5 (2017) 230-244.	2017
51.	P. Ghosh, B. Ganguly, S. Das ,	Pd-NHC catalyzed Carbonylative Suzuki coupling reaction and its application towards the synthesis of biologically active 3-arylquinolin-4-(1 <i>H</i>)-one and acridone scaffolds, <i>Appl. Organomet. Chem.</i> 2017 , DOI: 10.1002/aoc.4173.	2017
52.	P. Ghosh, B. Ganguly, E. Perl, S. Das ,	A synthesis of biaryl ketones via C-S bond cleavage of thiol ester by a Cu/Ag salt; <i>Tetrahedron Lett.</i> 2017 , 58, 2751-2756.	2017
53.	B. Kar, S. Bardhan, P. Ghosh, B. Ganguly, K. Kundu, S. Sarkar, B. K. Paul, S. Das ,	A Fast and Additive Free C–C Homo/Cross-Coupling Reaction in Reverse Micelle: An Understanding of Role of Surfactant, Water Content and Base on the Product Yield and Reaction Site, <i>ChemistrySelect</i> , 2017 , 1079-1088.	2017

12. Research Projects (Major & Minor):

Major Research Project		
Title of the Scheme / Project	Sanctioned Authority	
Prof. M. N. Roy		
State UGC Research Project leading to Ph.D. Degree.	University Grant Commissions, New Delhi	
UGC Project leading to Ph.D. Degree for NET Qualified Candidate	University Grant Commissions, New Delhi	
UGC SAP DRS III Research Project (2013-2018)	University Grant Commissions, New Delhi	
UGC RGNF Research Project leading to Ph.D. Degree	University Grant Commissions, New Delhi	
UGC RGNF(D) Research Project leading to Ph.D. Degree	University Grant Commissions, New Delhi	
UGC-BSR Research Project leading to Ph.D. Degree	University Grant Commissions, New Delhi	
Prof. A. Misra		
Theoretical Investigation of Optical, Transport and Magnetic Properties in Mesoscopic Systems	DST-SERB	
Dr. S. Das		
Designing and synthesis of functionalized N-heterocycles (4-quinolone and imidazopyridine) and evaluation of their biocidal properties, Duration 3-years [August 2017-August 2020] (Status: Ongoing)	SERB, New Delhi, Sanctioned amount 43.0 Lakhs INR.	
Minor Research Project		
Title of the Scheme Project	Sanctioned Authority	

13. Visiting Fellow:

Name of the Visiting Fellow	Duration	
Prof. Tarun Kumar Sarkar Retired Professor Department of Chemistry Indian Institute of Technology Kharagpur, Pin - 721 302 West Bengal, India Email:tksr@chem.iitkgp.ernet.in +91-3222-283330 (Office) 9830299267 (Mob).	10 Days (November 15-19 & 21-25, 2017)	

14. Any other information.

❖ Prof. M. N. Roy:



**Prof. M. N. Roy Has Been Selected To Be Honored With
CRSI Bronze Medal 2017” by Chemical Research Society
of India.**

**CHEMICAL RESEARCH SOCIETY OF INDIA INDIAN INSTITUTE OF SCIENCE BANGALORE – 560
012, INDIA**

Dr. Sourav Pal
President
Prof. Mahendra Nath Roy
Dept. of Chemistry
University of North Bengal
P.O. North Bengal University, Raja Rammohanpur
Darjeeling 734013

July 25, 2016

Sub: Chemical Research Society of India (CRSI) Bronze Medal

Dear Prof Roy,

I am delighted to inform you that you have been chosen to receive the CRSI Bronze Medal- 2017 in recognition of your contributions to research in chemistry. The medal will be presented to you either in the 20th CRSI National Symposium in Chemistry (NSC-20) to be held at Gauhati University, Guwahati during February 3-5, 2017 or in the 21st CRSI National Symposium in Chemistry (NSC-21), which will be held at Hyderabad, in the month of July 2017, as per mutual convenience. You will also be delivering your Bronze Medal lecture in the above meeting. We will send more information about these meetings soon.

Kindly accept my congratulations.

I appreciate receiving your response at the earliest. Look forward to hearing from you.

With best wishes

(Sourav Pal)

Professor (HAG), Department of Chemistry, Indian Institute of Technology Bombay, Powai, Mumbai 400 076,
Former- Director, CSIR-National Chemical Laboratory, Pune 411 008 & Adjunct Professor, Indian Institute of
Science Education and Research, Pune,

& Distinguished Visiting Professor, Indian Institute of Technology Kharagpur Email: s.pal@ncl.res.in;
spal@chem.iitb.ac.in;

Phone: +91 22 2576 7195; Fax: +91 22 2572 3480

❖ Prof. A. Misra:

CRSI Bronze Medal 2018

❖ Departmental Major Achievement:

➤ Major Project:

UGC-SAP (DRS-III) Amounting Rs. 75 Lakh, Program Coordinator: Prof. M. N. Roy

➤ **DST-FIST Program:** Amounting Rs. 2.28 Crore, Program Coordinator: Prof. M. N. Roy

DEPARTMENT OF COMPUTER SCIENCE & APPLICATION

1. **Name of The Department** : Computer Science and Application

2. **Date of Establishment** : 1988

3. **Introduction of the Department:**

The Department 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. Afterwards starts 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 enabling 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 participated in various International and national Seminars, workshops, Symposiums and conferences of repute. Presently the Department is having Three Professors, five Assistant Professors and Seven Non-Teaching staffs constitute the faculty and non-teaching strength of the department.

4. **Name of the Faculty**

Professor	Associate Professor	Assistant Professor
		Dr. Swarup Das
		Dr. Sarad Sinha
		Dr. Ardhendu Mandal
		Dr. Rakesh Kumar Mandal
		Mr. Anil Tudu
		Mr. Mukta Majumder

5. **Name of the Research Scholars** :

Sl. No.	Name of the Scholar	Designation
01.	Debanil Chanda	Research Scholar
02.	Tanmoy Kanti Halder	Research Scholar
03.	Kanishka Sarkar	Research Scholar
04.	Gouravmoy Banerjee	Research Scholar
05.	Susreeti Sur	Research Scholar
06.	Payel Saha	Research Scholar
07.	Joydeb Ghosh	Research Scholar
08.	Dechen Doma Bhutia	Research Scholar
09.	Subhro Sarkar	Univ. Fellowship

6. **Name of the Non-Teaching Staff** :

Sl.No.	Name	Designation
1.	Dr. Amal Kumar Saha	Superintendent (Tech.)
2.	Mr. Bibekanda Paul	Superintendent (Tech.)
3.	Mr. Uttam Ghosh	Sr. Technical Assistant
4.	Dr. Arghya Das	Program Assistant
5.	Mr. Tapan Chakraborty	Jr. Record Supplier
6.	Mr. Manabendra Sarkar	Office Assistant (Offc. Asst-C)

7.	Mr. Chanchal Kumar Jha	Lab Attendant(Lab. Attdt-C)
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7. Students Strength

Students	Semester	Male	Female	Total
MCA	1 st Sem.	16	5	21
	2 nd Sem.	-	-	-
	3 rd Sem.	9	2	11
	4 th Sem.	-	-	-
	5 th Sem.	16	5	21
	6 th Sem.	-	-	-
M.Sc. Computer Science	1 st Sem.	8	5	13
	2 nd Sem.	-	-	-
	3 rd Sem.	3	8	11
	4 th Sem.	-	-	-

8. Seminar /Conferences attended (Outside the Country & Within the Country) *****

Name of the Teacher	Name of the Seminars/Conferences	Venue & Date	Title of the Paper
Nii			

9. Organized Seminar / Conferences:

Name of the Seminar/Conference	Date of Seminar Conference
Nil	

10. Publication:

Name of the Author	Name of the Book/Journal/Volume	Year of Publication
Dr. Ardhendu Mandal	1. S. Sarkar, A. Mandal and K. Sarkar, An Automated Skull-Stripping Method by Windowing the Histogram, International Journal of Computer Sciences and Engineering, 5(3), 45-49, 2017.	2017
	2. Sarkar K., Mandal R. K., Mandal A. , Sarkar S., Least Centre Distance Based MAXNET Architecture to Obtain Threshold for Brain Tumor Edema Segmentation From FLAIR MRI, International Journal of Computer Sciences and Engineering, 5(2), 112-120, 2017.	2017
	3. R. K. Mandal, K. Sarkar, and A. Mandal , Clustering of MRI Images of Brain for the Detection of Brain Tumor Using Pixel Density Self Organizing Map (SOM), <i>IOSR Journal of Computer Engineering (IOSR-JCE)</i> , 19(6), 56-61, 2017.	2017
Dr. Rakesh Kumar Mandal	1. Dipanjan Moitra and Rakesh Kumar Mandal , "Review of Brain Tumor Detection using Pattern Recognition Techniques", International Journal of Computer Sciences and Engineering, E-ISSN:23472693, Volume-5, Issue-3, 2017.	2017
	2. Payel Saha and Rakesh Kumar Mandal , "Detection of Dengue Disease Using Artificial Neural Networks", International Journal of Computer Sciences and Engineering, E-ISSN:2347-2693, Volume5, Issue-3, 2017	2017
	3. Rakesh Kumar Mandal , "Least Centre Distance Based MAXNET Architecture to Obtain Threshold for Brain Tumor Edema Segmentation From FLAIR MRI", International Journal of Computer Sciences and Engineering, E-ISSN:2347-2693, Volume5, Special Issue-2, 2017.	2017
	4. Dipanjan Moitra and Rakesh Kumar Mandal , "Segmentation Strategy of PET Brain Tumor Image", Indian Journal of Computer Science and Engineering, Vol. 08, Issue 05,	2017

	2017. 5. Dipanjan Moitra and Rakesh Kumar Mandal , “Clustering of MRI Images of Brain for the Detection of Brain Tumor using Pixel Density Self Organizing Map (SOM)”, IOSR-JCE, E-ISSN:2278-0661, Volume-19, Issue-06, 2017.	
Dr. Sharad Sinha	1. Springer Science+Business Media Singapore. 2. Advances in Intelligent Systems and Computing 458, DOI 10.1007/978-981-10-2035-3_64.	2017 2017
Dr. Mukta Majumder	1. Mukta Majumder & Bidyut Das, “Factual open cloze question generation for assessment of learner’s knowledge”, International Journal of Educational Technology in Higher Education, Springer (IF1.922), SSCI & Scopus Indexed. 2. Mukta Majumder, Uttam Dolai and Arindam Bhattacharya, “An efficient novel single fault and its location detection technique using multiple droplets in a Digital Microfluidic Biochip”, 11 th International Conference on Intelligent Systems and Control (ISCO), IEEE, Coimbatore, India 3. Mukta Majumder, Rakesh Dutta and Biswapati Jana “Exploring the Semantic organization of Bangla words in the mental lexicon”, 7 th International Conference on Advances in Computing & Communications, Procedia Computer Science, 115, Elsevier, Kochi, India. 4. Mukta Majumder, Rakesh Dutta and Biswapati Jana “Representing and Exploring the Semantic Organization of Bangla Word in the Mental Lexicon: Evidence from Cross-Modal Priming Experiments and Vector Space Model”, In Proceedings of ICCDC 2017, Communication, Devices, and Computing, Lecture Notes in Electrical Engineering, Vol 470. Springer, Haldia, India.	2017 2017 2017 2017

11. Research Projects

Major Research Project		
Title of the Project	Sanctioned Authority	
Design and Development of an Artificial Neural Network (ANN) Based Expert System to Diagnose Human Brain Tumor from CT scan and MRI Images”,	UGC Assistance under Innovative Research Activities Scheme for Research Proposal, XII Plan.	Principal Investigator: Dr. Arhendu Mandal Co-Investigator : Dr. Rakesh Kumar Mandal
Indian Languages Corpora Initiative (ILCI) – Phase II (Nepali), DeitY,	Ministry of Information Technology, Govt. of India	Dr. S Sinha
Minor Research Project		
A Lie Detection Expert System based on Artificial Neural Network (ANN)	University of North Bengal.	Dr. Rakesh Kumar Mandal

12. **Visiting Fellow:** Mr. Pinak Guha Neogi

13. **Any other Information** (Award Received):

DEPARTMENT OF GEOGRAPHY AND APPLIED GEOGRAPHY

1. Name of the Department: Geography and Applied Geography

2. Date of Establishment: 1962

3. Introduction of 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 (both at NBU Campus & Jalpaiguri Campus) and also offer M.Phil. and Ph. D programme. The new syllabus has been framed to incorporate the different fields of Geography from Geomorphology to Urban issues, Pedology, Population dynamics and Regional Planning and Development. Digital Cartography and Geographical Information System has been incorporated in the syllabus to equip the students to further their research interest. A substantial number of the faculties are participating in several consultative research works. The Department is continuing its programme of recording weather information daily since 2002. This programme was done in order to provide the society need based service. The new syllabus under CBCS System was introduced since the 2018-19. Special attention has 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 student's special courses in Applied Pedology, Cartography, Fluvial Geomorphology, Population Geography, and Urban Geography.

The department is sponsored by UGC SAP-DRS II and has completed UGC SAP-DRS I successfully. At present, the Department is at the final year of the completion of Phase II. This department is enriched further with the Centre for Geo-Spatial Sciences which is attached to this Department of Geography and Applied Geography, North Bengal University. At present the department has 12 faculty members with expertise in the field of geo-informatics.

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.

4. Name of Faculty:

Professor	Associate Professor	Assistant Professor
1. Dr. Subir Sarkar 2. Dr. Sushma Rohatgi 3. Dr. Deepak Kr. Mandal 4. Dr. Ranjan Roy	1. Dr. Suman Sao 2. Dr. Indira Lepcha (nee) Lama	1. Dr. Sudip Kumar Bhattacharya 2. Dr. Snehasish Saha 3. Mr. Arindam Basak 4. Dr. Indrajit Roy Chowdhury

5. Name of Research Scholars:

- i. Biswajit Das
- ii. Pronab Kr. Mandal
- iii. Abhisek Sarkar
- iv. Punama Sen
- v. Sarupa Sarkar
- vi. Pompei Sarkar
- vii. Rituparna Das
- viii. Dorjee Tshering Bhitia

6. Name of the Project Scholars: NIL

7. Name of the Non-Teaching Staff:

Name	Designation
1. Mr. Bhanu Basak	Senior Assistant

2.Mr. Kalyan Roy	Technical Assistant Grade I
3.Mr. Biman Bagchi	Laboratory Attendant III
4.Mr Surja Das	Laboratory Attendant II
5.Mr. Pawan Kumar Kampti	Senior Peon
6.Mr. Sumit Bhowmick	Junior Peon

8.Students strength: (in Main Campus)

Students	Semester	Male	Female	Total
Part I	First Semester	27	29	56
	Second Semester	22	29	51
Part II	Third Semester	27	22	49
	Fourth Semester	27	22	49

9. Seminars/workshops attended:

PROF. SUBIR SARKAR

No	Seminar/Workshop/Conferences	Date	Sponsored by	Organized
1	Acted as Resource Person in DST Govt. of India sponsored Workshop on “State SDIs and their applications”	June 8-9, 2017	DST Govt. of India, KSCST Govt. of Karnataka	IISC Bengaluru,
2	Acted as Resource Person in UGC Sponsored National Workshop on “Geography & Applied Geography”.	Sept. 5-11, 2017	Dept. of Geography & Applied Geography, NBU	NBU, Siliguri
3	Scientific Committee & National Committee member of the 9 th International Conference on Geomorphology (ICG) INDIA, 2017 and Chairperson of Technical Session S22 Quantitative Geomorphology & Modeling.	Nov. 6-11, 2017	ICG Held in VIGYAN BHAWAN New Delhi	ICG New Delhi IGI NEHU
4	2 nd Regional Science & Technology Congress, 2017 Acted as a Judge for final round selection.	Dec. 7-8, 2017	DST, Govt. of West Bengal	DST, WB & Siliguri College
5	UGC Sponsored DRS II SAP Seminar on “Disaster Management with focus on Sub-Himalayan North Bengal, as Convener.	Mar. 23-24, 2018	Dept. of Geography & Applied Geography, NBU	NBU, Siliguri

PROF. SUSHMA ROHATGI

Seminar/ Conferences attended

Sl. No	Seminar/Workshop/Conferences	Date	Sponsored by	Organized
1	UGC Sponsored DRS II SAP Seminar on “Disaster Management with focus on Sub-Himalayan North Bengal, as Organizing Secretary	Mar. 23-24, 2018	Dept. of Geography & Applied Geography, NBU	NBU, Siliguri

PROF. DEEPAK KUMAR MANDAL

Seminar and Workshop

Sl. No	Seminar/Workshop/Conferences	Date	Sponsored by	Organized
	UGC Sponsored National Workshop on “Geography & Applied Geography”. Acted as	Sept. 5-11,	NBU, Siliguri	NBU, Siliguri

	Resource Person and delivered a Special Lecture on “Techniques for interpretation of Aerial Photographs”.	2017		
	9th International Conference on Geomorphology (ICG) Paper (with L. Tamang) presented entitled “River sediment extraction and drying wells: A human induced Hydromorphological threats in the Piedmont region of Darjeeling Himalayas”.	Nov. 6-11, 2017	ICG Held in VIGYAN BHAWAN New Delhi	ICG New Delhi IGI NEHU
	2nd Regional Science & Technology Congress, 2017 Acted as a Judge for final round selection.	Dec. 7-8, 2017	DST, Govt. of West Bengal	DST, WB & Siliguri College
	Tier III Training Programme on “Water Budgeting and Management at local level”.	Dec. 29 2017	CGWB, Kolkata	NBU, Siliguri
	UGC Sponsored DRS II SAP Seminar on “Disaster Management with focus on Sub-Himalayan North Bengal. Paper presented entitled “Identification of landslide prone areas in Tista catchment through susceptibility mapping, West Bengal”.	Mar. 23-24, 2018	NBU, Siliguri	NBU, Siliguri

PROF. RANJAN ROY

Seminar & Workshop

Sl. No.	Title of the Paper presented	Title of Conference / Seminar	Organized by	Year
1	Human-Nature Interaction: A Changing Scenario	3 rd International Seminar “System Dynamics, Human-Nature Interaction & Societal Discourse”	Department of Geography Burdwan University	2017 (18.11.2017)
2	A Study on the Availability of Urban Basic Amenities of Newly Emerged Census Towns of Siliguri Sub-division of Darjiling District, West Bengal	39 th Indian Geography Congress, NAGI	NAGI & Department of Geography, Osmania University, Hyderabad	2017 (5-7, Dec. 2017)
3	Special Lecture “A Study on Land Use and Land Cover Change with Special Reference to Forest Degradation in Raiganj Block of Jalpaiguri District, West Bengal”	International Conference on “Local Issues Global Solutions: Ecology, Environment, Climate & Economy”	Raiganj University, Sponsored by Dept. Of Higher Education, Govt. Of West Bengal	2018 (10.1.18-11.1.2018)
4	Joint paper Lecture in 4 th International Seminar on “Population, Urbanization and Environment: Contemporary Issues and Challenges” Organized by Department of Geography, University of Gour Banga	Periodic Market and Centrality-A Conceptual framework of Hierarchy of Market Centres in Uttar Dinajpur District	UGC	21.3.18-22.3.18
5	Joint paper Lecture in 4 th International Seminar on “Population, Urbanization and Environment: Contemporary Issues and Challenges”	Development in Railway Sector in Jalpaiguri and Alipurduar District and Its Impact on Wild	UGC	21.3.18-22.3.18

	Organized by Department of Geography, University of Gour Banga	Elephant (Elephas Maximus): A Review		
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Training Courses, Workshop, Teaching-Learning-Evaluation Technology Programmes, Faculty Development Programmes

Sl. No.	Programme	Duration	Organized by	Date and Year
1	Invited Talk on Disaster Management In India With Special Reference to Earthquake		Dept. of Geography, Surya Sen College, Siliguri	01.12.2017
2	Invited Talk on “An Insight in to the Surface and Ground Water of Koch Bihar District- With Special Reference to Different Irrigation Sources”	Training Course on “Water Budgeting and Management at Local Level”	Central Ground Water Board, Eastern Region, Kolkata held at the Department of Geography & Applied Geography, NBU	Regional 29.12.2017

Invited Lectures/ Resource Persons in Refresher Course and Chairmanships at national or international conference/seminar etc.

Sl. No.	Title of Lecture/Academic / session	Title of Conference/Seminar etc.	Organized by	Year
1	Basics of GIS		HRDC, NBU	13.11.2017 at 2.30 pm to 3.30 pm
2	Open Source GIS: QGIS Demo		HRDC, NBU	13.11.2017 at 3.30 pm to 4.30 pm
3	Chaired the Technical Session Societal Systems and Behavior	3 rd International Seminar “System Dynamics, Human-Nature Interaction & Societal Discourse”	Department of Geography, Burdwan University	2017 (18.11.2017)
4	Chaired the Technical Session	39 th Indian Geography Congress, NAGI	NAGI & Department of Geography, Osmania University, Hyderabad	2017 (5-7, Dec. 2017)
5	A Study on Land Use and Land Cover Change with Special Reference to Forest Degradation in Raiganj Block of Jalpaiguri District, West Bengal	International Conference on “Local Issues Global Solutions: Ecology, Environment, Climate & Economy”	Raiganj University, Sponsored by Dept. Of Higher Education, Govt. Of West Bengal	2018 (10-11.1.2018)
6	Chaired the Invitee Lecture Session of “Dr. Mandana K. Mahamadi” Dept. Of Linguistics and Translation Studies, Payme Noor University, Tehran, Iran	International Conference on “Local Issues Global Solutions: Ecology, Environment, Climate & Economy”	Raiganj University, Sponsored by Dept. Of Higher Education, Govt. Of West Bengal	2018 (10-11.1.2018)
7	Chaired the Invitee Lecture Session of “Climate Change”	International Conference on “Local Issues Global Solutions: Ecology, Environment, Climate & Economy”	Raiganj University, Sponsored by Dept. Of Higher Education, Govt. Of West Bengal	2018 (10-11.1.2018)
8	Plenary Lecture in 4 th International Seminar on “Population, Urbanization and Environment: Contemporary Issues and Challenges”	Assessment Of Infrastructural Facilities beyond the Limit Of Noble Urbanization: A Case	UGC	21.3.18-22.3.18

	Organized by Department of Geography, University of Gour Banga	Study Of Kharibari Block, Siliguri Subdivision, West Bengal		
9	Chaired in the 4 th International Seminar on “Population, Urbanization and Environment: Contemporary Issues and Challenges” Organized by Department of Geography, University of Gour Banga	Technical Session	UGC	21.3.18-22.3.18
10	Resources Person Application of GIS in Library Science	Refresher Course in Library and Information Science	HRDC, NBU 2018 at 3.30pm to 4.30 pm	

DR. INDIRA LEPCHA NEE LAMA

Seminars and Workshop

No	Seminar/Workshop/Conferences	Date	Sponsored by	Organized
1	Convener in UGC Sponsored National Workshop on “Geography & Applied Geography”.	Sept. 5-11, 2017	Dept. of Geography & Applied Geography, NBU	NBU, Siliguri
2	UGC Sponsored DRS II SAP Seminar on “Disaster Management with focus on Sub-Himalayan North Bengal, as Convener.	Mar. 23-24, 2018	Dept. of Geography & Applied Geography, NBU	NBU, Siliguri
3	Joint Convener, 9 th International Conference on Geomorphology (ICG) (to assist during field trip in the Darjeeling Himalayas)	Seminar was held from 6-11 November, 2019 Field was from 13-16 th November, 2017	Vigyan Bhawan, New Delhi Field trip was to Darjeeling and surrounding areas	IGC, New Delhi & IGI, NEHU
4	Tier III Training Programme on “Water Budgeting and Management at local level”.	Dec. 29 2017	CGWB, Kolkata	NBU, Siliguri

DR. SUDIP KUMAR BHATTACHARYA

Seminar & Workshop

Seminar/Workshop/Conferences	Sponsored by	Paper presented
1. UGC sponsored SAP DRS II National Seminar on Disaster Management with focus on Sub-Himalayan North Bengal. 23-24 March, 2018	Dept. of Geography and Applied Geography, North Bengal University	Causes, Consequence and Management of water logging- A case study of Jalpaiguri Municipality, West Bengal, India

DR. SNEHASISH SAHA

Seminar/Conference

Sl No.	Title of the paper	Organizers	period	Involvement
1	Effects of land utilization on Atrai River: A case study of Balurghat Municipality area, Dakshin Dinajpur district, West Bengal	Deptt. of Geography and Applied Geography, NBU	13-14 February 2017	Presented

2	A study on changing channel hydraulics in downstream direction, case of River Karatoya in Jalpaiguri district, West Bengal	Deptt. of Geography and Applied Geography, NBU	13-14 February 2017	Presented
3	Spl. Paper lecture presentation Transformation of traditional livelihood and economic composition of population :A case study of Toto tribes, Totopara, Madarihat block, Alipurduar district, West Bengal	Dept. of Geography, Raiganj University, Raiganj, Uttar Dinajpur	24-25 March 2017	Presented
4	Demographic Characteristics and their Environs: A case analysis of Toto tribes, Totopara village, Madarihat block, West Bengal	Deptt. of Anthropology, NBU	14 th September 2017	Presented
5	Initiatives to the Developmental Issues in Himalayas: A general discussion on fact finding	Centre for Himalayan Studies, NBU	15-16 February 2018	Presented
6	A study on challenges of depopulation scenario of the riverine tracts of Diara belt in Malda District, West Bengal	Deptt. of Geography, Gour Banga University, Malda	21-22 March 2018	Presented
7	Identification of landslide prone areas in Tista catchment through landslide susceptibility mapping, West Bengal	Deptt. of Geography and Applied Geography, NBU	23-24 March 2018	Presented
8	Dynamics of Channel Behaviour in relation to recurring flood potentiality: A case study of Chel River on the Foreland Basin of Darjeeling Sub-Himalaya	Deptt. of Geography and Applied Geography, NBU	23-24 March 2018	Presented (Partial)
9	Bank Erosion Assessment through BEHI procedure of Mahananda River in Siliguri sub-Division, West Bengal	Deptt. of Geography and Applied Geography, NBU	23-24 March 2018	Presented
Sl No.	Theme of Workshop/Training	Organizers	period	Type
1	Water Budgeting and management at local level Tier III Training Programme	CGWB & Dept of Geography and Applied Geography NBU	29.12.2017	CGWB Eastern Region Kolkata

DR. INDRAJIT ROY CHOWDHURY

Seminar & Workshop

Name of the seminar/conferences	Venue and date	Title of the paper presented
UGC Sponsored Sap DRS II National Seminar	Department of Geography & Applied Geography, University of North Bengal, March 23-24, 2018	Eco Friendly Fuel Efficient Mode of Vehicles And Sustainable Environment: An alternative planning for Mitigating Environmental Hazard in Siliguri City
4 th International Seminar on Population, Urbanization and Environment: Contemporary Issues And Challenges	Department of Geography, University of Gour Banga, March 21-22, 2018	Assessment of Road traffic Congestion and its Mitigating Planning Strategies: A case study on Siliguri Air view more traffic intersection point

10. Organized Seminar/Conference:

Name of the Seminar/Conference	Date of the Seminar/Conference
1. UGC sponsored SAP DRS II National Seminar on Disaster Management with focus on Sub-Himalayan North Bengal. 23-24 March, 2018.	Department of Geography & Applied Geography, NBU, on March 23-24, 2018.

2. Central Ground Water Commission sponsored one day Workshop cum Tier III Training on Water Budgeting and Management at local level	Department of Geography & Applied Geography, NBU, on 29.12.2017
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11. Publications:

Name of the Author	Name of the book/Journal volume	Year of Publication
Prof. Subir Sarkar	Impact of dam reservoir on the chemistry of Himalayan river(Teesta river, India); jointly with L. Wiejaczka, P. Prokop & R. Kozlowski in Przegląd Geograficzny, 2017, 89 (1) p.5-21.	2017
	Application of GIS in Integrated Watershed Management; Remote Sensing and GIS in Environmental Management, (ed. Dr. D.K. Mandal, NBU 2017; p. 62-72. ISBN 978-81-921692-8-6	2017
	An integrated sustainable water management and the role of wetlands in Malda district (jointly with D. Chattoraj) in Disaster Management in Sub-Himalayan North Bengal, UGC-SAP DRS-II Monograph I, edited by S. Sarkar, North Bengal University Press, Raja Rammohunpur, pp. 42-56, ISBN 978-81-921692-9-3; 2018	2018
	An integrated sustainable water management and the role of wetlands in Malda district (jointly with D. Chattoraj) in Disaster Management in Sub-Himalayan North Bengal, UGC-SAP DRS-II Monograph I, edited by S. Sarkar, North Bengal University Press, Raja Rammohunpur, pp. 42-56, ISBN 978-81-921692-9-3; 2018	2018
	An account of land use changes in Jalpaiguri district as a consequences of natural and human interferences (jointly with K. Maitra) in Disaster Management in Sub-Himalayan North Bengal, UGC-SAP DRS-II Monograph I, edited by S. Sarkar, North Bengal University Press, Raja Rammohunpur, pp. 108-128, ISBN 978-81-921692-9-3; 2018	2018
	Reservoir's Impact on the Water Chemistry of the Teesta River Mountain Course (Darjeeling Himalaya); jointly with Lukasz Wiejaczka, Pawel Prokop and Rafal Kozlowski, Journal of Ecological Chemistry and Engineering S, DE GRUYTER Open, 2018, Vol. 25(1): p. 73-88.	2018
	Groundwater vulnerability assessment using the DRASTIC model under GIS platform in the Ajabshir Plain, southeast coast of Urmia Lake, Iran; jointly with Mohammad H.R. Moghaddam, M.N. Rouhi& T. Rahimpou; Arabian Journal of Geosciences, 2018 v-11, No.575; p.1-15; https://doi.org/10.1007/s12517-018-3928-1	2018
	Book Edited UGC-SAP DRS-II Monograph I on "Disaster Management in Sub-Himalayan North Bengal", 2018, North Bengal University Press, Raja Rammohunpur, ISBN 978-81-921692-9-3	2018
Prof. Sushma Rohatgi	Valuation of damage caused by Flood and Water Logging and its management: A case study of Atharakhai Gram Panchayat, Matigara Block, Disaster Management in Sub-Himalayan North Bengal, UGC-SAP DRS-II Monograph I, edited by S. Sarkar, North Bengal University Press, Raja Rammohunpur, 2, ISBN 978-81-921692-9-3; 2018, pp. 215-222	2018
Prof. Deepak Kumar Mandal	<i>Flood Management and Mitigation in Koch Bihar District, West Bengal</i> , (with S. Shil Sharma) in "Remote Sensing and GIS in Environmental Management", Edi. By D. K. Mandal, North Bengal University Press, Raja Rammohunpur, pp. 20-27, ISBN 978-81-921692-8-6	2017
Prof. Ranjan Roy	Tourism Landscape Diversity and Potentiality of Darjeeling District: West Bengal Geographical Thoughts, ISSN:2229-466X 2017; Vol: XV	2017
	"Impact of Deep Tube Well Irrigation on Cropping Intensity –A Case Study of Koch Bihar District, West Bengal" Page No. 21-27 Indian Science Cruiser, ISSN: 0970-4256. Vol 31, No. 4, July 2017 issue	2017

	Impact of Shallow Tube Well Irrigation on Cropping Intensity –A Case Study of Koch Bihar District, West Bengal,Page no.84-96 International Journal on Arts, Management and Humanities ISSN No. (Online): 2319–5231,October, 2017 6(2)	2017
	Problem of Water Logging through Soil Quarrying in Brick Kiln Industry: A Study of Tufanganj Block-I, Koch Bihar, West Bengal Page no.192-200,International Journal of Theoretical & Applied Sciences, ISSN No. (Print): 09,75-1718 ,ISSN No. (Online): 2249-3247 , October, 2017, 9(2): 192-200(2017)	2017
	A Study on Spatio-Temporal Aspects of Rural Periodic Market Centres in Uttar Dinajpur District, West Bengal, India International Journal of Research in Geography (IJRG) ISSN 2454-8685 (Online), Volume 3, Issue 4, 2017, PP 109-117	2017
	Causes of Infant and Child Mortality-A Macro, Meso and Micro Area Analysis Asian Journal of Research in Social Sciences and Humanities ISSN 2249-7315, Vol. 8, No. 2, February 2018, pp. 157-170	2017
	Human-Elephant conflict in Sub-Himalayan Terai & Duars of West Bengal , Disaster Management in Sub-Himalayan North Bengal, UGC-SAP DRS-II, Monograph-I , ISBN: 978-81-921692-9-3	2017
	Soil quarrying for Brick Kiln and its Impact on environment: A study in Tufanganj block-I, Koch Bihar, West Bengal Disaster Management in Sub-Himalayan North Bengal UGC-SAP DRS-II, Monograph-I , ISBN: 978-81-921692-9-3	2017
Dr Indira Lepcha Nee Lama	A Geographical Overview of the Water Resources in Darjeeling Municipality, West Bengal, Geographical Thoughts, Volume XV, ISSN 2229-466X, pp.64-90	2018
	Assessment of Social Vulnerability of Community Development Blocks of Darjeeling District, West Bengal, in Sub-Himalayan North Bengal, UGC-SAP DRS-II Monograph I, edited by S. Sarkar, North Bengal University Press, Raja Rammohunpur, ISBN 978-81-921692-9-3; 2018 (joint), pp. 57-77	2018
	Solid Waste Disposal and Management in Kurseong Town, Darjeeling District – A Ward Level Analysis, Hill Geographer XXXIV: 1, (2018), ISSN 0970-5023, pp. 33-44 (joint)	2018
Dr. Sudip Kumar Bhattacharya	School Education Status of the Scheduled Tribe Population in Malda District, West Bengal. ResearchersWorld-Journal of Arts, Science & Commerce, Vol.– IX, Special Issue –1, January 2018, ISSN 2231-4172, pp. 54-72 (2 nd author of the joint paper with Pronob Mandal).	2018
	Trend analysis of long-term climatic parameters in Dinhata of Koch Bihar district, West Bengal. Spatial Information Research, Springer, https://doi.org/10.1007/s41324-018-0173-3 , ISSN 2366-3286, Online 8 th February, 2018, pp. 1-10 (Second author in the joint paper with Jayanta Das).	2018
	A comprehensive analysis of Primary education scenario of the Scheduled Tribe population in the Malda district, West Bengal. Indian Journal of Landscape System and Ecological Studies, ISSN 0971-4170, Vol 40:2, December, 2017, pp, 104-120. (Second author in the joint paper with Pronob Mandal).	2017
	Modelling of alternative crops suitability to tobacco based on Analytical hierarchy process in Dinhata subdivision of Koch Bihar district, West Bengal. Model. Earth Syst. Environ., Springer, DOI 10.1007/s40808-017-0392-y, online 9 th Nov. 2017. ISSN 2363-6203, pp. 1-17 (4 th author of the joint paper with Jayanta Das, Amiya Gayen, Sunil Saha).	2017
	Assessment of water quality index (WQI) and suitability of Sagar Dighi, Koch Bihar, West Bengal, India. International Journal of Pharmaceutics & Drug Analysis Vol.5, Issue 12, December 2017; ISSN: 2348-8948, pp. 467 – 474 (2 nd author of the joint paper with Abdul Miraj)	2017

	Changing trends of some bio–physico-chemical characteristics of Sagardighi of Cooch Behar, West Bengal, India. Journal of Indian Research (ISSN: 2321-4155), Vol.5, No.3, July-September, 2017, pp. 79-94 (Second author in the joint paper with Abdul Miraj)	2017
	A pedo-geomorphic study of Landuse on Alluvial Fans of Terai Region, West Bengal, India. Wesleyan Journal of Research, Vol. 10:1, June, 2017, pp. 64-70. (Second author in the joint paper with Shuvankar Kar).	2017
	Higher education status of the Scheduled Tribes Population in Malda District, West Bengal. Indian Journal of Landscape System and Ecological Studies, ISSN 0971-4170, Vol 40:1, June, 2017, pp, 95-107. (Second author in the joint paper with Pronob Mandal).	2017
	Urbanization and sustainable development: An environ-mental study of in Cooch Behar town, West Bengal, India. Indian Journal of Landscape System and Ecological Studies, ISSN 0971-4170, Vol 40:1, June, 2017, pp. 115-125. (Second author in the joint paper with Sankar Biswas).	2017
	Observation on the TDS and EC Values of Different Water Bodies at Cooch Behar, West Bengal, India. International Journal of Theoretical & Applied Sciences, ISSN No. (Print): 0975-1718, ISSN No. (Online): 2249-3247, Sept, 2017, 9(2): 106-113. (3 rd author of the joint paper with Abdul Miraj, Supratim Pal, Kaushik Chakraborty).	2017
	Application of Remote Sensing and GIS in Wetland Management: A case study of Koch Bihar District, West Bengal. Remote Sensing and GIS on Environmental Management, Mar, 2017, edited by D. K. Mandal (Seminar Volume), Dept. of Geography and Appl. Geo., Registrar, University of North Bengal, Raja Rammohunpur, ISBN 978-81-921692-8-6, pp. 28-39. (First author in joint paper with Abdul Miraj).	2017
Dr. Snehasish Saha	Detection and Documentation of course change of Gadadhar River in Cooch Behar district: a GIS based assessment pp. 25-37 (jointly with Baidurya Biswas) Hill Geographer, Vol. XXIII No.1, 2017, ISSN 0970-5023	2017
	Morphometric study of Murti River Basin in Jalpaiguri using GIS Environment Remote Sensing and GIS in Environmental Management March, 2017, ISBN 978-81-921692-8-6	2017
	Transformations of traditional livelihood and economic composition of Totopara Village(West Bengal) pp. 01-08 (jointly with Debarshi Ghosh) IOSR(International Journal of Scientific Research)Journal of Humanities and Social Science Vol. 22 Issue 7(Version 7) July2017, e-ISSN:2279-0837, 2017	2017
	Impact Of Channel Hydraulic Parameters On Channel Capacity: A Case Of Karatoya River Along The Rajganj Block, Jalpaiguri District, West Bengal pp:186-190 (jointly with Kunal Chakraborty), International Journal of Innovative Research and Advanced Studies (IJIRAS) Volume 4 Issue 7 July 2017, ISSN: 2394-4404	2017
Dr. Indrajit Roy Chowdhury	New Trends of Geo Spatial Building: Quantum Geographical Information System: A New Era of Globalisation, Relevance and Impact of Open Source Software in the Era of Globalisation, Madhav Books (p) LTD. ISBN:978-93-80615-35-6	2017
	Air Conditioned Bus Services in Kolkata City: Environmental Impact, Changing Scenario and Arising Conflict in Contemporary India, Pakhir Akash Prakashani, ISBN: 978-81-929234-8-2	2017
	Identifying the Causes of Water Scarcity and Sustainable Water Conservation for Improving Livelihood in Bankura District, West Bengal, Natural Resources Management for Sustainable Development and Rural Livelihoods ,Department of Geography Sciences and Natural Resource Management , Mizoram University, Todays and Tomorrow Publishers, New Delhi, Vol: 1, ISBN 81-7019-584-1 (India), 1-55528-434-5 (USA)	2017

Sri Arindam Basak	A District Level Study of Demographic Characteristics of North Bengal; Geo Analyst; Vol. 7; No. 1.	
	Analysis of Some Dimensions of the Pattern of Urbanization Unfolding in Various Districts of North Bengal; Geo Analyst; Vol. 7; No. 2	

12. Research Project:

Prof. Subir Sarkar

Coordinator, SAP DRS-II programme on “Disaster Management with focus on Sub-Himalayan North Bengal”, UGC, 01.04.2016 to 31.03.2021.

Prof. Sushma Rohatgi

Deputy Coordinator, SAP DRS-II programme on “Disaster Management with focus on Sub-Himalayan North Bengal”, UGC, 01.04.2016 to 31.03.2021.

Prof. Ranjan Roy

Sl. No.	Title	Agency	Period	Grant/Amount mobilized (Rs.)
1	SAP DRS-II on Geo-Hazards in Sub-Himalayan North Bengal (Departmental programme)	NBU	2017-2018	Rs. 500,000
2	University Research Grant	NBU	2017-2018	Rs. 75,000

Dr. Indira Lepcha Nee Lama

Sl. No.	Title	Agency	Period	Grant/Amount mobilized (Rs.)
1	University Research Grant “Water Crisis and the Emerging Role of Water Vendors in Darjeeling Municipality, West Bengal”.	NBU	2017-2018	Rs. 75,000

Dr. Snehasish Saha

Sl. No.	Title of Project	Name of Funding Agency	Amount (Rs.)	Date of Initiation & Duration	Involvement
1.	‘Sub-Himalayan North Bengal’	UGC SAP DRS II Departmental Funded by UGC	Assistance approved 68 Lakhs No.F.560/3/DRS-II/2016(SAP-I)	1.4.2016-31.3.2021	Co-PI (Co Investigator) status : continuing

13. Visiting Fellow:

Name of the Visiting Fellow	Duration
Prof. Anis Chattapadhyay	20-24 Nov, 2017
Prof. Ashish Sarkar	18-22 Dec., 2017
Prof. P. Nandi	12-18 Dec., 2017
Prof. P. S. Charabarty	6.12.17
Mr. Amlan Jyoti Kar (GWB, Kolkata)	29.12.2017

DEPARTMENT OF MATHEMATICS

1. **Name of the Department:** Mathematics

2. **Date of Establishment:** 1962

3. **Introduction of the Department:**

The Department of Mathematics 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 Fulbright Fellow, Erasmus International Fellow, TWAS-UNESCO Visiting Professor JSPS Scholar, Ramanujan Fellow etc. The Department conducts Master's degree programme in Mathematics and Ph. D. programmes. 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.

- Main areas of research at present are **Real and Complex Analysis, Topology, Differential Geometry, Differential equations, Dynamical Systems, General Relativity.**
- 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 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.

4. **Name of the Faculty:**

<i>Professor</i>	<i>Associate Professor</i>	<i>Assistant Professor</i>
Prof. S. De Sarkar	-	Dr. M. Singha
-	-	Dr. D. C. Pramanik
-	-	Ms. Nita Tamang
-	-	Mr. S. Biswas (joined on 15.12.17)
-	-	Dr. P. Sarkar (joined on 06.02.18)

5. **Name of the Research Scholars:**

<i>Name</i>	<i>Designation</i>
Sri Kapil Roy	J.R.F. (C.S.I.R.)
Smt. Chaiti Ghosh	J.R.F. (C.S.I.R.)
Sri Jayanta Roy	J.R.F. (N.B.U. State Fellowship) Joined on 04.05.2017

6. **Name of the Project Scholars:** NIL

7. **Name of the Non-Teaching Staff:**

<i>Name</i>	<i>Designation</i>
Smt. Sonali Sarkar	Jr. Assistant (Casual)
Smt. Rahena Banu	Jr. Peon

8. **Students Strength:**

<i>Students</i>	<i>Male</i>	<i>Female</i>	<i>Total (2017 – 2018)</i>
1 st Sem	23	26	49
2 nd Sem	31	19	50
3 rd Sem	28	18	46
4 th Sem	23	17	40

9. Seminar /Conferences attended (Outside the Country & within the Country):

Name of the Teacher	Name of the Seminars / Conference	Venue & Date	Title of the paper presented
Nil			

10. Organized Seminar/ Conferences:

Name of the Seminar / Conference	Date of the Seminar/ Conferences	Remarks

11. Publication:

Name of the Author	Name of the Book/ Journal Volume	Year of Publication
➤ Prof. S. De Sarkar		
N. Tamang and S. De Sarkar,	Decomposition of Continuity in a Fuzzy Sequential TopologicalSpace, Theory and Applications of Mathematics & Computer Science 7 (1) (2017) 78 – 94.	2017
➤ Dr. M. Singha		
Manoranjan Singha, Kousik Das, Bijan Davvaz,	On Topological Complete Hypergroups, FILOMAT, 31; 16(2017), 5045-5056.	2017
Manoranjan Singha and Koushik Sarkar,	TOWARDS CANTOR INTERSECTION THEOREM AND BAIRE CATEGORY THEOREM IN PARTIAL METRIC SPACES, MATEMATYCKI VESNIK, 69; 2(2017), 126-132.	2017
Manoranjan Singha and Koushik Sarkar ,	Some fixed point theorems in partial S_b metric spaces, Journal of Advanced Studies in Topology, 9:1 (2018), 1–9	2018
Manoranjan Singha <i>et al.</i>	Bring a Nonempty Set, Get a Ring, International Journal of Mathematics Trends and Technology (IJMTT), 52, 9(2017), 627-629.	2017
➤ Dr. D. C. Pramanik		
D. C. Pramanik, M. Biswas and Rajib Mandal	On the study of Bruck Conjecture and some non-linear complex differential equations, Arab Journal of Mathematical Sciences, Vol. 23(July 2017), ISSN: 1319-5166, pp. 196-204.	2017
D. C. Pramanik and M. Biswas	On solutions of some non-linear differential equations in connection to Brück conjecture, Tamkang journal of Mathematics, Vol.48 (2017), No. 4, ISSN:0049-2930, E-ISSN:2073-9826, pp. 365-375.	2017
D. C. Pramanik, M. Biswas and Kapil Roy	D. C. Pramanik, M. Biswas and Kapil Roy: Growth Properties of Special Type of Differential polynomial on the basis of Central Index, Journal of Environmental Science, Computer Science and Engineering &Technology, Vol. 7(2018), No. 1, E-ISSN: 2278-179X, pp. 007-015.	2018
D. C. Pramanik, M. Biswas and Kapil Roy	Generalized order and growth measure of entire functions on the basis of central index, International Journal of Engineering and Science Research, Vol. 8(Feb 2018), No. 2, E-ISSN:2277-2685, P-ISSN: 2320-9763, pp. 23-30.	2018
D. C. Pramanik, M. Biswas and Kapil Roy	Generalized order and related growth measure of composite entire function of several complex variables on the basis of central index, New Trends in Mathematical Sciences, Vol. 6 (2018), No. 3, E-ISSN: 2147-5520, pp. 94-102.	2018
➤ Ms. Nita Tamang		
N. Tamang and S. De Sarkar,	Decomposition of Continuity in a Fuzzy Sequential TopologicalSpace, Theory and Applications of Mathematics & Computer Science 7 (1) (2017) 78 – 94.	2017

➤ Mr. S. Biswas		
S. Biswas, B. Mukhopadhyay, S. Shaw	(2017), Thermal shock response in magneto-thermoelastic orthotropic medium with three-phase-lag model, Journal of Electromagnetic Waves and Applications(Taylor & Francis) , vol. 31(9) , 879-897.	2017
S. Biswas, B. Mukhopadhyay, S. Shaw	(2017), Rayleigh surface wave propagation in orthotropic thermoelastic solids under three-phase-lag model, Journal of Thermal Stresses (Taylor & Francis) , vol. 40(4) , 403-419.	2017
S. M. Abo-Dahab, S. Biswas	(2017), Effect of rotation on Rayleigh waves in magneto-thermoelastic transversely isotropic medium with thermal relaxation times, Journal of Electromagnetic Waves and Applications(Taylor & Francis), vol. 31(15), 1485-1507.	2017
S. Biswas, B. Mukhopadhyay	(2018), Eigenfunction expansion method to analyze thermal shock behavior in magneto-thermoelastic orthotropic medium under three theories, Journal of Thermal Stresses(Taylor & Francis) , vol. 41(3) , 366-382.	2018
➤ Dr. P. Sarkar		
P. Sarkar &S. Kar	A study on (i-v) prime fuzzy hyperideal of semihypergroups Afrika Matematika (SCOPUS), 2018 (March), 1012-9405, 2190-7668, Vol. 29(1) & Page No. 81-96	2018
P. Sarkar &S. Kar	(i-v) primary fuzzy ideal in semigroups Int. Journal of Applied and Comp. Mathematics (SCOPUS) 2017 (December), 2349-5103, 2199-5796 Vol. 3 & Page No. 3945-3960	2017

12. **Research Projects (Major & Minor):**

➤ **Dr. M. Singha**

Major Research Project		
Title of the Scheme Project	Sanctioned Authority	Remarks
Design and Development of an Artificial Neural Network (ANN) based expert system to diagnose human brain Tumor from CT scan and MRI images	UGC	2 Years Grant / Amount Mobilized : 10,10,000/-
Dr. P. Sarkar		
A STUDY ON INTERVAL -VALUED FUZZY GRAPHS IN SEMIGROUPS	UGC	15.12.2016 to 14.12.2018 Rs. 2,80,000/-
Minor Research Project		
-	-	-

13. i) Visiting Fellow:

Name of the Visiting Fellow	Duration	
		-

14. Any other information:

- **Ph. D. Awarded (from: 1st April, 2017 to 31st March, 2018):**

1. **Ms. N. Tamang** was awarded the degree of Ph. D. for her thesis entitled “**A STUDY ON FUZZY SEQUENTIAL TOPOLOGICAL SPACES**” on 23.05.2017. She worked under the supervision of Prof. S. De Sarkar.
2. **Sri Aniruddha Palit** was awarded the degree of Ph. D. for his thesis entitled “**STUDIES ON SOME ASPECTS OF LIENARD LIKE DYNAMICAL SYSTEMS**” on 11.09.2017. He worked under the supervision of Dr. D.P. Datta.

3. **Sri Amarjit Tamang** was awarded the degree of Ph. D. for his thesis entitled “**THE STUDY OF LIGHT MOTION IN THE GALACTIC HALO**” on 24.01.2018. He worked under the supervision of Prof. K. K. Nandi.
4. **Sri Mithun Ghosh** was awarded the degree of Ph. D. for his thesis entitled “**NEW INVESTIGATIONS IN THE GALACTIC HALO**” on 25.01.2018. He worked under the supervision of Prof. K.K. Nandi.
 - **Pre-Regional Mathematical Olympiad (Pre-RMO)’17 Test** was held on **20th August, 2017** in the Department of Mathematics, N.B.U. The Test was jointly conducted by National Board for Higher Mathematics (NBHM) and Indian Statistical Institute (ISI), Kolkata.
 - **The Madhava Mathematics Competition Test (MMC – 2018)** was held on **7th January, 2018** in the Department of Mathematics, N.B.U. The test was jointly organized by S P College, Pune & Homi Bhabha Centre for Science Education, Tata Institute for fundamental research, Mumbai and funded by National Board for Higher Mathematics (NBHM).
 - Dr. Lakkhi Kanta Dey, NIT, Durgapur, delivered a special lecture entitled “Kannan type contractive mapping in non-compact metric spaces” on 18.12.2017 in the Department.”
 - The students of the Department organized Blood Donation Camp on **6th April, 2017(contribution-213 units)** in the Department.

DEPARTMENT OF MICROBIOLOGY

1. **Name of the Department:** MICROBIOLOGY

2. **Date of Establishment:** 2005

3. **Introduction of the department:** Microbes and their activities play an important role in human welfare. Microbes can cause disease, but a properly functioning microbiome is essential for health. Microbes spoil food, but drive many forms of food production. Microbes mediate organismic decay, but catalyze numerous geochemical processes essential for life on Earth. Our world is changing ever more rapidly due to population growth, global warming, and emergence of new infectious diseases. Thus, it is important to train exceptional young people in the scientific tools needed to meet these changes. **The Department of Microbiology, NBU was established in 2005** with an aim to train the next generation of leaders in Microbiology.

4. **Name of the Faculty:**

Professor	Associate Professor	Assistant Professors Dr. Arindam Bhattacharjee Ms. Khusboo Lepcha Dr. Sarita Kumari Dr. Payel Sarkar Dr. Shyama Prasad Saha
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5. **Name of the Research Scholars:** Aditi Rai, Swarnab Sengupta

6. **Name of the Project Scholars:** NIL

7. **Name Of the Non –Teaching staff:** Ms. Madhumita Ghosh, Mr. Satya Ranjan Das, Mr. Sudipta Das, Mr. Subir Sarkar

8. **Student strength:** Part-: 19 Part-2: 23

9. **Seminar/Conference / workshop attended (outside the country & within country)**

Name of the teacher	Name of the Seminar/Conference	Venue & Date	Title of Paper
Dr Arindam Bhattacharjee	MICROBIAL WORLD 2017	4TH SEPTEMBER, 2017, NBU	
Dr. Sarita Kumari	MICROBIAL WORLD 2017	4TH SEPTEMBER, 2017, NBU	
Dr. Payel Sarkar	MICROBIAL WORLD 2017	4TH SEPTEMBER, 2017, NBU	
Dr. Shyama Prasad Saha	MICROBIAL WORLD 2017	4TH SEPTEMBER, 2017, NBU	
Ms. Khusboo Lepcha	MICROBIAL WORLD 2017	4TH SEPTEMBER, 2017, NBU	

10. **Organized Seminars/Conferences/Workshop**

Name Of the Seminar/Conference/workshop	Date of the Seminar
UGC sponsored National Seminar (MICROBIAL WORLD 2017)	4TH SEPTEMBER, 2017

11. Publication:

Name of author	Name of Journal/book/volume	Year of publication
Dr. Arindam Bhattacharjee	1. Sengupta S, Bhattacharjee A (2017) Characterizing the Nitroproteome using Bioinformatic Tools : A Mini Review. Biostatistics and Biometrics 2. Upashna Chettri, Arindam Bhattacharjee (2017) Cigarette smoking and Emergence of MRSA European Journal of Biomedical and Pharmaceutical sciences. Vol 4 : Issue 8	2017
Dr. Sarita Kumari	1. Kumari, S. and Sarkar, P.K. (2017) Quantitative risk assessment of human exposure to <i>Bacillus cereus</i> group associated with household refrigerated storage of pasteurised milk in India. <i>Indian Journal of Dairy Science</i> 70: 186-192 2. Sharma, A. Kumari, S. , Nout, M.J.R. and Sarkar, P.K. (2017) Minimization of antinutrients in idli by using response surface process optimization. <i>Journal of Food Processing and Preservation</i> 41: -13099	2017
Dr. Payel Sarkar	1. Bioconversion of organic solid wastes into biofortified compost using a microbial consortium (2017). Payel Sarkar and Rounak Chourasia. <i>Int J Recycl Org Waste Agricult</i> , 6(4):321-334.	2017
Dr Shyama Prasad Saha	1. Deepika Mazumdar, Debpriya Kumar, Shyama Prasad Saha and Shilpi Ghosh (2017). Screening of PGPR from rhizosphere: Influence of newly isolated <i>Cedecea davisae</i> RS3 on Chickpea (<i>Cicer arietinum</i> L.) plants grown on differential nitrogen input. <i>Journal of Microbiology</i> 55 (12).	2017
Ms. Khusboo Lepcha	1. Khusboo Lepcha , Shilpi Ghosh..Glycoside hydrolases from a thermophilic microbial consortium and their implication in the saccharification of agroresidues, <i>Biocatalysis and Agricultural Biotechnology</i> (2018), 15:160–166	2018

12. Research Projects (Major & Minor):

Major Project	
Dr. Arindam Bhattacharjee (Co-PI): DST	
Minor Project	
Title of the scheme project	Sanctioned authority
“Mining of lignocellulolytic microbial consortiums for β -Glucosidases using metagenomic and proteomic approaches. PI- Ms Khusboo Lepcha	University of North Bengal

13. Visiting fellows: Nil

14. Any other information:

Award received by

FACULTY: Dr. SARITA KUMARI was awarded Ph.D. in 2017

DOCTORAL/POST DOCTORAL FELLOWS:

- Ms. Aditi Rai bagged best oral presentation “Optimization and characterization of a psychrotropic cold active amylase produced by *Bacillus fleures* from high altitude lake in Sikkim
- Mr. Swarnab Sengupta bagged best oral presentation in Bengal regional; Science congress-2017

STUDENTS:

- Priyanka Banik bagged best poster presentation in National Seminar MICROBIAL WORLD 2017

DEPARTMENT OF PHYSICS

1. Name of the Department: Physics Department

2. Date of establishment: 1962

Introduction of the Department: Physics is one of those departments with which North Bengal University started its journey in the year 1962. At present there are nine faculty members and ten non-teaching employees in the department. The department has active research groups in the field of (a) Liquid Crystal, (b) Relativity, Cosmology, and Astrophysics, (c) High-energy Heavy-ion Interaction and Cosmic-ray Physics, and (d) Solid-state devices. Several research projects sponsored by the DST, DAE, UGC, and Tea Research Board are running in the department. In the year 2003 the department received a financial support under the FIST programme from the DST, Govt. of India. The department offers both M.Sc. and Ph.D. courses. A semester system is followed in the M.Sc. level, with three different areas of specialization namely, Condensed Matter Physics, Electronics and Nuclear and Particle Physics, out of which a student can choose one. The annual intake capacity in M.Sc. is 40 students. In the Ph.D. programme of the department right now 25 research students are enrolled under the supervision of different faculty members. Almost all faculty members are involved in intra and inter-university national and international collaborations of scientific research. 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.

3. Name of Faculty:

Professor	Associate Professor	Assistant Professor
i. Dr. Pradip Kumar Mandal	i. Dr. Sripada Halder	i. Dr. Rajat Kumar Dey
ii. Dr. Amitabha Mukhopadhyay	ii. Dr. Suman Chatterjee	ii. Dr. Tutul Biswas
iii. Dr. Malay Kumar Das	iii. Dr. Provasi Mali	
iv. Dr. Bikash Chandra Paul		

4. Name of Research Scholars:

- i. Ms. Barnali Barman
- ii. Mr. Rajat Biswas
- iii. Mr. Kartick Chandra Dey
- iv. Mr. Souvik Ganguly
- v. Mr. Debarghya Goswami
- vi. Mr. Manabendu Das
- vii. Mr. Biplab Kumar Singha
- viii. Mr. Sabyasachi Roy
- ix. Mr. Kishor Choudhury
- x. Mr. Sandip Dam
- xi. Mr. Somnath Ghosh
- xii. Ms. Nikita Chhetri
- xiii. Mr. Niharendu Barman
- xiv. Mr. Tanmay Chhaki
- xv. Mr. Chinmay Roy
- xvi. Mr. Shibsankar Biswas

5. Name of Project Scholars:

- (i) Ms. Aparna Ghosh
- (ii) Mr. Sushanta Chakraborty
- (iii) Mr. Tanmay Basak
- (iv) Ms. Thinakshi Pramanik
- (v) Mr. Sagar Dey
- (vi) Mr. Anirban Chanda
- (vii) Ms. Smriti Mitra

- (viii)Mr. Indranil Basak
 (ix)Ms. Samstuti Chanda
 (x)Mr. Animesh Basak
 (xi)Mr. Binay Rai

6. Name of non-Teaching Staff :

Name	Designation
(i)Mr. Sudip Saha	Jr. Super
(ii)Mr. Sankha Subhra Roy	Technical Assistant Gr. I
(iii)Mr. Subrata Hazra	Technical Assistant Gr. II
(iv)Mr. Rajesh Pradhan	Technical Assistant Gr. II
(v)Mr .Ayub Ahamad	Technical Assistant Gr. II
(vi)Mr.Amitava Roy	Technical Assistant Gr. II
(vii)Mr. Tapas Sen	Jr. Laboratory Attendent Gr. II
(viii)Mr. Lubai Hansda	Sr. Peon
(ix)Mrs. SaritaChhetri	Sr. Peon
(x)Mrs. Ram Kumari Yadav	Sr. Peon

7. Students Srength

Students	Male	Female	Total
Part-I 1 st Semester	30	16	43
2 nd Semester	31	13	44
Part-II 3 rd Semester	38	13	51
4 th Semester	27	07	34

8. Seminar/ Conferences attended (Outside the country & within the country) :

Name of the Teacher	Name of the Seminars/ Conference	Venue & Date	Title of the paper presented
Pradip Kumar Mandal	Workshop on Recent trends in material research.	Siliguri Institute of Technology, Siliguri, September 7, 2017	Liquid Crystals: A delicate and useful phase of matter.
	62 nd DAE Solid State Physics Symposium	Bhabha Atomic Research Centre, Mumbai (Dec 26-30, 2017)	Formulation of electroclinic, ferroelectric and antiferroelectric liquid crystal mixture suitable for display devices
	62 nd DAE Solid State Physics Symposium.	Bhabha Atomic Research Centre, Mumbai, Dec. 28, 2017.	Chaired a session.
Malay Kumar Das	24 th National Conference on Liquid Crystals	Department of Chemical Science, IISER, Mohali during 11-13 October 2017.	
Suman Chatterjee	ICETINN-2017	Sikkim Manipal Institute of Technology, Sikkim	Performance of Dye-Sensitized Solar Cells (DSSC's) with Zinc Oxide (ZnO) Nanopowders and Nanorods.
	Recent Trends in Condensed Matter Physics including Laser Applications, 2018	Department of Physics, The University of Burdwan, Burdwan. March 8 - 9, 2018	
Rajat Kumar Dey	(i) Asia-Pacific Regional IAU Meeting	Taipei, Taiwan, July, 2017	Origin of Icecube detected PeV newtrons

9. Organized seminar/Conferences :

Name of the Seminar/ Conference	Date of the Seminar/ conference	Remarks
Refresher Course in Renewable Energy.	March 01, 2018 – March 21, 2018 in the HRDC premises.	UGC Human Resource Development Centre, University of North Bengal

10. Publications

Name of the Author	Name of the Book/Journal/Volume	Year of Publication
P. K. Mandal	(i) Liquid Crystals 44 , 2192-2202	2017
	(ii) J. Mol. Liquids 256 , 29-38	2018
	(iii) AIP Conf. Proc. 1942 , 020001-1 to 020001-6.	2018
A. Mukhopadhyay	(i) Physical Review C 96 , 024913.	2017
	(ii) Physical Review C 96 , 024912	2017
	(iii) Modern Physics Letters A 32 , 1750024.	2017
	(iv) Physical Review C 95 , 014908.	2017
	(v) Chaos, Solitons and Fractals 94 , 86 – 94.	2017
	(vi) CBM Progress Report 2017, eds. I. Selyuzhenkov and A. Toya, page 163, GSI, Darmstadt, 2017.	2017
	(vii) CBM Progress Report 2018, eds. V. Friese and I. Selyuzhenkov, page 186, GSI, Darmstadt, 2018.	2018
	(viii) CBM Progress Report 2017, eds. I. Selyuzhenkov and A. Toya, page 165, GSI, Darmstadt, 2017.	2017
	(ix) <i>Proceedings of the DAE Symposium on Nuclear Physics, Thapar University, Patiala</i> , Vol. 62, page 900, 2017.	2017
	(x) <i>Proceedings of the DAE Symposium on Nuclear Physics, Thapar University, Patiala</i> , Vol. 62, page 858, 2017.	2017
M. K. Das	(i) International Journal of Industrial Chemistry, 8(2), 197–205.	2017
	(ii) Phase transitions, 91 , 58-70.	2017
B C Paul	(i) <i>Mod. Phys. Letts. A</i> 32 , 1750216	2017
	(ii) <i>Astrophys. & Space Sci.</i> 362 , 73	2017
	(iii) <i>Pramana</i> , A Journal of Physics, 89 , 29	2017
S. Haldar	Geophysical Research Space Physics, Volume 122 , Issue 7 Pages: 7713-7733, June , 2017 .	2017
S.Chatterjee	(i) Sensor Letters, Volume 15, Number 2, pp. 137-141(5)	2017
	(ii) Sensor Letters, Volume 16, Number 2, pp. 116-122(7)	2018
	(iii) Journal of Materials Engineering and Performance, Published Online : 19 March 2018	2018
R.K.Dey	(i) Experimental Astronomy, 43 , 75	2017
	(ii) Indian J. Phys. 91 , 359	2017
	(iii) DAE Symposium on nuclear Physics 62	2017
P. Mali	(i) Physical Review C 96 , 024913.	2017
	(ii) Physical Review C 96 , 024912.	2017
	(iii) Modern Physics Letters A 32 , 1750024.	2017
	(iv) Physical Review C 95 , 014908.	2017
	(v) Chaos, Solitons and Fractals 94 , 86 – 94.	2017
	(vi) CBM Progress Report 2017, p.162	2017
	(vii) CBM Progress Report 2017, p.163	2017
	(viii) <i>Proceedings of the DAE Symposium on Nuclear Physics, Thapar University, Patiala</i> , Vol. 62 , page 896, 2017.	2017
	(x) <i>Proceedings of the DAE Symposium on Nuclear Physics, Thapar University, Patiala</i> , Vol. 62, page 854, 2017.	2017

11. Research projects (Major & Minor):

Major Research Project		
Title of the Scheme Project	Sanctioned Authority	Amount of Grant
Investigation on orientational order parameter of nematic liquid crystal nano composites to explain the remarkable improvements of their electro-optic properties . PI : Prof. P. K. Mandal	DST under India@DESY International Collaboration program	Travel Living expenses of three scientists at DESY, Hamburg, Germany
Investigations on the critical behavior at the smectic-A to smectic-C phase transition in liquid crystals from high-resolution optical and calorimetric studies. PI: Prof. M. K. Das	DST	Rs. 47.46 Lakh
Theoretical and Observational Aspects of compact objects PI: Prof.B.C.Paul	DST, EMR/2016/005734	Rs. 16.70 Lakh
Some new air shower techniques for the measurement of energy spectra of elemental groups of cosmic rays around the knee. PI: Dr. R. K. Dey	DST, SERB, - EMR/2015/001390	Rs. 25.55 Lakh
Minor Research Project		
Title of the Scheme Project	Sanctioned Authority	

12. Visiting Fellow

Name of the Visiting Fellow	Duration	Venue
Prof. Swapan Kumar Ghosal	20-03-2017 to 10-04-2018	Department of Physics, NBU

13. Any other information (Awards Received)

1. Prof. P. K. Mandal along with Ph.D. students Kartick Ch. Dey visited Deutsches Electronen Synchrotron (DESY), Hamburg, Germany in October, 2017 for 10 days for conducting synchrotron based experiments. International travel and living expenses in Germany were fully covered by DST under India@DESY International Collaboration program.
2. Prof. B. C. Paul visited University of Zululand and University of Kwa-Zulu Natal, Durban, South Africa (Sept. 24- Oct. 24,2017)

DEPARTMENT OF TEA SCIENCE

1. **Name of Department** : Department of Tea Science
2. **Date of Establishment** : 1995
3. **Introduction of the department** : Department of Tea Science, University of North Bengal is a unique department of its own 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 PGDTM (Post Graduate Diploma in Tea Management) course initiated during 1995-96 is still running. We are proud to state that our students are well established in almost all multinational tea companies having their plantations in India. Some of our bright students are also absorbed in tea plantations outside India. In every corner of Indian tea industry one can find an alumni of our department. Our M. Sc. Course introduced during 2012-13 educate students for building their career in higher education and tea industry. The successful students not only serve as managers in Tea gardens but at the same time are placed in research institutes, Tea Board of India etc, while some are pursuing research to obtain Ph. D. This is possible because the department has build up a strong University-Industry partnership. Our students are groomed by experts of tea industry to make them fit for tea garden environment. The department also has well equipped laboratories as well to train our students to handle the activities of tea industries.

Apart from regular teaching activities Department of Tea Science has a Tea Board of India approved **Soil Testing Laboratory**. This laboratory is dedicated for testing soils from tea gardens of West Bengal, Bihar, Assam and Sikkim on payment basis. Soil laboratory thus earn a good amount of revenue for the University. In this laboratory we conduct quantitative tests for macro and micronutrients.

4. **Name of the Faculty** : Prof. Pranab Ghosh (Head)
Dr. Malay Bhattacharya (Assistant Professor)
Dr. S. E. Kabir, Consultant Guest Faculty
5. **Name of the Research Scholars** : NIL
6. **Name of the Project Scholars** : Dr. Chandra Ghosh, UGC Research Awardee
7. **Name of the Non-Teaching Staff** :
- | Name | Designation |
|---------------------------|------------------|
| MR. NRIPENDRA NATH BISWAS | OFFICE ASSISTANT |
| MR. MAINAK MUKHERJEE | SOIL ANALYST |
| MR. SUBASH SINGH | PEON |
| MRS. KALPANA SUBBA | JR. PEON |

8. **Students Strength** :

Students	Male	Female	Total
M. Sc. in Tea Science (3 rd & 4 th Sem) 1	3	4	
M. Sc. in Tea Science (2 nd Sem)	2	1	3
M. Sc. in Tea Science (1 st Sem)	3	NIL	3
Postgraduate Diploma in Tea Management (2 nd Sem)	21	NIL	21
Postgraduate Diploma in Tea Management (1 st Sem)	23	3	26

9. Seminar/Conferences attended (Outside the Country & Within the Country): None

Name of the Teacher	Name of the Seminar/Conference	Venue & Date	Title of the paper Presented
Dr. Chandra Ghosh Research Awardee	2 nd Regional Science & Technology Congress - 2017	Siliguri College, Siliguri December, 2017	Floristic estimation of Jaldapara National Park with special emphasis on fodder plants of <i>Rhinoceros unicornis</i> L.
	25th West Bengal State Science and Technology Congress, 2018	Science City Kolkata March, 2018	Floristic estimation of Jaldapara National Park with special emphasis on fodder plants of <i>Rhinoceros unicornis</i> L.
	National Seminar on Himalayan Plant Diversity: Taxonomy Conservation and Sustainable Utilization	Botanical Survey of India Eastern Regional Centre, Shillong, Meghalaya March 2018	Protected Areas of North Bengal and their floras with special reference to Jaldapara National Park in West Bengal, India

10. Organized Seminar/conferences:

Name of the Seminar/Conference	Date of the Seminar/Conference	

11. Publication:

Name of the Author	Name of the Book/Journal/Volume	Year of Publication
Chandra Ghosh	Ethnobotanical survey in the Bamangola Block of Malda District, West Bengal (India):II Medicinal and Aromatic plants. Pleione 11(2): 249-267 [ISSN 0973-9467]	2017
Chandra Ghosh	Tea Cultivation in the Indian Himalayan Region. In Plant Diversity in the Himalaya Hotspot Region Vol.II,ed.A.P.Das & Subir Bera, Bishen Singh, Mahendra Pal Singh, Dehar Dun. Pp 743-767.[ISBN:978-81-211-0985-7]	2018

12. Research Projects (Major & Minor):

Major Research Project		
Name of the teacher	Title of the Scheme Project	Sanctioned Authority
Dr. Chandra Ghosh	Floristic Exploration and Conservation of Endemic and Endangered Species in Jaldapara National Park in West Bengal, India	UGC
Dr. Malay Bhattacharya	DNA fingerprinting of elite Darjeeling Clones	University of North Bengal
Minor Research Project		
Title of the Scheme Project	Sanctioned Authority	

13. Visiting Fellow:

14. Any other information – Awarded received – Dr. Chandra Ghosh

- i) OUTSTANDING PAPER AWARD (2017) 2nd Regional Science & Technology Congress of West Bengal
- ii) RESEARCH AWARD (2016-18) University Grants Commission, New Delhi
- iii) Invited Lecture: “Protected Areas of North Bengal and their floras with special reference to Jaldapara National Park in West Bengal, India” [UGC – National Seminar on Himalayan Plant Diversity: Taxonomy Conservation and Sustainable Utilization] Botanical Survey of India, Eastern Regional Centre, Shilling, Meghalaya, 9th March 2019

15. Placement of the students:

Session: 2017-2018		
SL. No.	Name of the Students'	Name of the Company / Garden
1	Anup Chandra Nath	TRA Nagrakata
2	Sanjib Saw	Mery View Tea Garden/ Jay Birpara Tea Estate
3	Joy Das	Mery View Tea Garden
4	Ranjit Sharmah	Matigara Tea Estate
5	Anirban Banerjee	Mainak Hill Tea Estate
6	Koustav Bhaduri	Macleod Russal
7	Rahul Chowdhary	Indong Tea Estate
8	Md. Amzad	Mery View Tea Garden
9	Sidhant Mukhia	Mery View Tea Garden
10	Samrat Majumdar	Kamalpur Tea Garden
11	Dayanand Mallick	Adhikari Tea Estate
12	Golam Nabi Anower Sadat	Adhikari Tea Estate
13	Abhisekh Bhatt	Adhikari Tea Estate
14	Jaya Dharma Bag	Jay Birpara Tea Estate
15	Premjit Tirkey	Assam Tea Estate
16	Dayanand Mallick	Jay Birpara Tea Estate
17	Alok Minj	Jay Birpara Tea Estate
18	Kiran Gurung	Sikkim Tea Estate

DEPARTMENT OF ZOOLOGY

1. **Name of the Department:**Zoology

2. **Date of Establishment:**1984

3. **Introduction of the Department:** Offers 4 Semester M.Sc./M. Phil. Course in Zoology, Ph. D. Course

4. **Name of the Faculty:**

<u>Professor</u>	<u>Associate Professor</u>	<u>Assistant Professor</u>
Dr.Sudip Barat Dr. Soumen Bhattacharjee	Dr. Min Bahadur	Dr. Dhiraj Saha (Sr. Scale) Mr. Tilak Saha (Sr. Scale) Dr. Sourav Mukherjee Dr. Ritwik Mondal

5. **Name of the Research Scholars:**

Mr. Tanmay Mukhopadhyay
Ms. Ruksa Nur
Ms. Susmita Dutta
Ms. Arpita De
Mr. Kumar Basnet
Ms. Sutanuka Chattaraj
Ms. Uttara Dey Bhowmick
Mr. Abhisekh Das
Mr. Somit Dutta
Ms. Swati Singh
Mr. Bappaditya Ghosh
Mr. Tanmoy Dutta
Mr. Subhashis Paul
Ms. Trisita Mazumdar
Ms. Minu Bharati
Ms. Priyanka Rai

6. **Name of the Project Scholars:**

Ms. Swati Singh

7. **Name of the Non-Teaching:**

<u>Name</u>	<u>Designation</u>
Mr. Subrata Ghosh	Jr. Super
Mr. Samarendranath Ghosh	Lab Bearer
Mr. Samiran Chandra Debnath	Lab Attendant

8. **Student Strength:**

<u>Students</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
Part – I 1 st Sem.	14	13	27
2 nd Sem.	14	17	31
Part – II 3 rd Sem.	14	17	31
4 th Sem.	18	13	31

9. Seminar / Conferences attended (outside the Country & Within the Country :

Name of the Teacher	Name of the Seminar/ Conference	Venue & Date	Title of the paper presented.
Sudip Barat	Farmer's Meet and Workshop on Ornamental Fish Culture	Fisheries Research and Training Centre, Department of Zoology, NBU, 21 st Sep., 2017	Ornamental Fish Culture
Bhattacharjee, S.	Refresher Course in Life Science	UGC Human Resource Development Centre, NBU February 15 th , 2018	Concept and Values of Biodiversity.
Bhattacharjee, S.	Orientation Programme	UGC Human Resource Development Centre, NBU March 13 th , 2018	Science, Technology and Society.
Dey Bhowmick, U. and Bhattacharjee, S.	Microbiology in the new Millennium: from Molecules to Communities(MNM 2017)	Bose Institute, Kolkata, India October 27 th to 29 th 2017	Present status of antibiotic resistance in <i>Aeromonas</i> from sub-Himalayan region of West Bengal.
Paul, A., Mukhopadhyay, T. and Bhattacharjee, S.	The 8 th Students Conference on Conservation Science, Bengaluru.	Indian Institute of Science, Bengaluru, India. September 21 st to 24 th , 2017	Assessment of genetic diversity and population structure of <i>Barilius barna</i> (Hamilton, 1822) in the sub-Himalayan Teesta River of northern West Bengal, India.
Paul, S., Modak, D. and Bhattacharjee, S.	ISE-SFEC 2018	Organized by Department of Pharmacology, Dhaka University, Dhaka, Bangladesh. January 13 th to 15 th , 2018	Evaluation of the role of <i>Acmella uliginosa</i> (Sw.) Cass flower methanolic extract in pain amelioration and its probable role in memory impairment: advantages over opioid analgesics.
Minu Bharati and Dhiraj Saha	International Zoology Seminar On "Concepts on Conservation and Propagation of Indigenous Life forms in Eastern Himalayan Region"	Darjeeling govt. college, Darjeeling on 12 th May, 2017	Insecticide susceptibility status and underlying biochemical mechanisms among different <i>Aedes albopictus</i> S. populations from three sub-Himalayan districts of West Bengal, India
Priyanka Rai and Dhiraj Saha	International Zoology Seminar On "Concepts on Conservation and Propagation of Indigenous Life forms in Eastern Himalayan Region"	Darjeeling govt. college, Darjeeling on 12 th May, 2017	Multiple Insecticide Resistance in <i>Culex quinquefasciatus</i> Say, the Major Filariasis Vector from Siliguri Subdivision, India
Satarupa Dutta and Dhiraj Saha	International Zoology Seminar On "Concepts on Conservation and Propagation of Indigenous Life forms in Eastern Himalayan Region"	Darjeeling govt. college, Darjeeling on 12 th May, 2017	Evaluation of Insecticide Susceptibility in <i>Culex quinquefasciatus</i> larvae against temephos in Siliguri sub-divisional area, West Bengal, India
Minu Bharati and Dhiraj Saha	West Bengal 2 nd Regional Science Congress	Siliguri college, Siliguri on 8 th December, 2017	Spatiotemporal variation in abundance and habitat preference of <i>Aedes</i> mosquitoes in northern part of West Bengal, India

Priyanka Rai and Dhiraj Saha	West Bengal 2 nd Regional Science Congress	Siliguri college, Siliguri on 8 th December, 2017	Insecticide susceptibility status in <i>Culex quinquefasciatus</i> say, from different localities of Siliguri Township, West Bengal, India
Abhisekh Subba and Dhiraj Saha	International Society for Ethnopharmacology- SFEC 2018	Dhaka University, Bangladesh on 13 th January, 2018	Larvicidal activity of medicinal plant extracts against <i>Culex quinquefasciatus</i>
Priyanka Rai and Dhiraj Saha	West Bengal 25 th state Science Congress	Science city, Kolkata on 28 th Feb, 2018	Insecticides susceptibility status in <i>Culex quinquefasciatus</i> Say, from different localities of Siliguri township, west Bengal, India
Tilak Saha and Ranadhir Chakraborty	Microbiology in the New Millenium: From Molecules to Community	Bose Institute, Kolkata 27-29 th October, 2017	Coelom microbe and revelation of host bacterial symbiosis in coelomic cavity of <i>Eisenia fetida</i> .
Tilak Saha and Supratim Kumar Das	Emerging Areas of Sericulture: Issues, Challenges and Industrial Application for Sustainable Development and Ecorestoration	Department of Sericulture, Raiganj University 30-31 st January, 2018	Identification of a novel pathogenic strain of <i>Pseudomonas aeruginosa</i> as a positive agent of the Bacterial Flatcheri Disease of <i>Antheraea assama</i> in Coochbehar District, West Bengal

10. Organized Seminar / Conferences:

Name of the Seminar/ Conference	Date of the Seminar/ Conference	Venue
Farmer's Meet and Workshop on Ornamental Fish Culture	21 September, 2017	Fisheries Research and Training Centre, Zoology Department, NBU

11. Publications : 2017-18 (Total=23)

Name of the Author	Name of the Book / Journal / Volume	Year of Publication
April 2017-March 2018		
Bhagat, Rakesh Prasad and Sudip Barat	International Journal of Fisheries and Aquatic Studies	2017
Chhetri, Bijoy, Hemant K. Badola and Sudip Barat	International Journal of Recent Scientific Research	2017
Basak, Kusumlata and Sudip Barat	North Bengal University Journal of Animal Sciences	2017
Dey, Arpita and Sudip Barat	Book Chapter, Indian Science Congress Association	2018
Chhetri, Bijoy, Hemant K. Badola and Sudip Barat	Avian Biology Research	2018
Bhagat, Rakesh Prasad and Sudip Barat	Book Chapter, Sustainable Management of Aquatic Resources Part II	2018
Kumar Basnet, Min Bahadur and Ananda Mukhopadhyay	Phytoparasitica	2017
Swati Singh, Soumen Bhattacharjee, Joydev Pal, Min Bahadur	Pollution Research	2017
Swati Singh, Soumen Bhattacharjee, Joydev Pal, Min Bahadur	NBU Journal of Animal Sciences	2017
Mukhopadhyay T. & Bhattacharjee, S.	Problems and Prospects of Development in North East India, eds. Niranjana Bhattacharjee and Dipendra	2017

	Kumar Sarmah. Synergy Books India, New Delhi.	
Dey Bhowmick ,U., Bhattacharjee, S..	North Bengal University Journal of Animal Sciences	2017
Modak,D., Paul, S. & Bhattacharjee, S.	North Bengal University Journal of Animal Sciences	2017
Minu Bharati and Dhiraj Saha	Acta Tropica, Volume 170	2017
Minu Bharati and Dhiraj Saha	Vector Borne Diseases and Treatment (Book Chapter No.-4)	2017
V. K. Ranjan, T, Saha, S. Mukherjee, R. Chakraborty	Genome Announcement	2018
Denial Mahata, Malabendu Jana, Arundhuti Jana, Abhishek Mukherjee, Nibendu Mondal, Tilak Saha, Subhajit Sen, Chinmay K. Kukhopadhyay, Ranadhir Chakraborty, Golok B. Nando, Santi M. Mandal 2017.	Scientific Report	2017
Sourav Mukherjee and Saumen Kumar Maitra	Biological Rhythm Research	2018
Sourav Mukherjee, ManaleeGuha, BidishaAdhikary, BiswabandhuBankura, PubaliMitra, SubhankarChowdhury, Madhusudan Das	Hormone and Metabolic Research	2017
PubaliMitra, ManaleeGuha, Sudakshina Ghosh, Sourav Mukherjee, Biswabandhu Bankura, Dilip Kumar Pal, Biswanath Maity, Madhusudan Das	Gene	2017
Ritwik Mondal, N. Pemola Devi and R. K. Jauhari	J. Commun. Dis.	2017
Ritwik Mondal, N. Pemola Devi and R.K. Jauhari	Ann. Entomol.	2017
Amar Paul Singh, Shagun Mahajan, V.P. Uniyal and Ritwik Mondal	Journal of Ent. and Zool. Studies 5(6): 17-22	2017
Amar Paul Singh, Shagun Mahajan and Ritwik Mondal	Flora and Fauna 23(2):391-403	2017

12. Research Projects (Major & Minor):

Major Research Project		
Title of the Scheme Project	Sanctioned Authority	
Pesticide residue analyses of river water flowing through the tea gardens of Terai region of North Bengal and in the tissues of the reverine fishes with a special emphasis on molecular characterization and phylogenetic analyses of Cytochrome P 450 involved in pesticide metabolism.	West Bengal Department of Biotechnology (Co-Investigator) Period : 2014-2017 Sanctioned Fund: 42.55 L 2017-18: Rs 6.45 L	PI-Min Bahadur Co-I-Soumen Bhattacharjee
Studies on immunological response of <i>Eisenia fetida</i> (Savigny) under bacterial challenge.	University assisted	Tilak Saha
Minor Research Project		
Title of the Scheme Project	Sanctioned Authority	

13. Visiting Fellow: NA

Name of the Visiting Fellow	Duration	

14. Any other information:

Dr. D. S. Kothari Post-Doctoral Fellowship (71 st list of selected candidate, Sr. No. 2126) (Selected, but not availed; Dr. Sourav Mukherjee)	UGC, Govt. of India	2017
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DEPARTMENT OF BENGALI

1 Name of the Department: Bengali

2 Date of establishment: 1962

3 Introduction of the Department: সাল ১৯৬২। রাজ্য পেল আরও একটি নতুন বিশ্ববিদ্যালয় – উত্তরবঙ্গ বিশ্ববিদ্যালয়। বিশ্ববিদ্যালয় প্রতিষ্ঠার মাত্র তিন বছরের মধ্যেই ৮ ফেব্রুয়ারি, ১৯৬৫ বাংলা বিভাগ তার পথ চলা শুরু করে। মূল উদ্দেশ্য বিদ্যায়তনিক ক্ষেত্রে বাংলা ভাষা ও সাহিত্য চর্চা। বাংলা ভাষা-সাহিত্যের বিপুল ভান্ডার শিক্ষার্থীদের সামনে তুলে ধরা। এই বিভাগ মান্য ভাষা শিক্ষার পাশাপাশি বিভিন্ন আঞ্চলিক ভাষা ও সাহিত্যের পাঠকে গুরুত্ব দিয়ে থাকে। ভাষা ও সাহিত্যকেন্দ্রিক গবেষণাকে সর্বদা অনুপ্রেরণা দেয়।

বিগত ৫৫ বছর ধরে বাংলা বিভাগ অত্যন্ত দায়িত্ব সহকারে তার যাবতীয় কর্তব্য পালন করে চলেছে। মাত্র দু'জন শিক্ষক এবং তেরো জন শিক্ষার্থী নিয়ে এই বিভাগের পঠন-পাঠন শুরু হয়েছিল। সময়ের সঙ্গে সঙ্গে যেমন বেড়েছে তার শিক্ষার্থীর সংখ্যা, তেমনই রাজ্যের নানা প্রান্ত থেকে পাঠদান করতে এসেছেন অধ্যাপকবৃন্দ। প্রস্ফুটিত হয়েছে গবেষণার নানা অভিমুখ। নিয়মিত জাতীয় ও আন্তর্জাতিক স্তরের আলোচনাচক্র আয়োজন করা হয়েছে। শিল্প-সাহিত্যের গুণীজনেরা নানা সময়ে সংযুক্ত হয়েছেন বিভাগের সঙ্গে।

সাল ২০১৩। বাংলা বিভাগের আর একটি নতুন শাখা খোলা হয় জলপাইগুড়িতে (উত্তরবঙ্গ বিশ্ববিদ্যালয়ের দ্বিতীয় ক্যাম্পাস)। দূরদূরান্ত থেকে আসা ছাত্রদের পড়াশোনার সুবিধার্থে এই নতুন শাখা। মাত্র সাত বছরে একাধিক আন্তর্জাতিক আলোচনাচক্র ও বিশেষ বক্তৃতামালার আয়োজন করা হয়েছে সাফল্যের সঙ্গে।

বর্তমানে প্রযুক্তির ব্যবহার এবং আন্তর্জাতিক মাধ্যমকে যথাযথভাবে প্রয়োগ করে গবেষণা ও পাঠদান প্রক্রিয়াকে প্রসারিত করে চলেছে। পাশাপাশি শিক্ষার্থীদের ভবিষ্যতকে সুনিশ্চিত করতে সদা তৎপর থেকেছে এই বিভাগ।

(Font: Nirmala UI)

4 Name of the Faculty : Prof. Nikhil Chandra Ray

Prof. Manjula Bera

Prof. Utpal Mandal

Dr. Bikash Chandra Paul

Dr. Urbi Mukherjee

Dr. Surya Lama

5 Name of the Research Scholars : Subrata Paul ,Bikash Narjinary ,Seuli Basak,Dipankar Sarkar, Sourav Basak,Dipankar Debnath, Prapti chakraborty, Sharmishtha Paul, Pratap Kr. Saha,Rupayan Roy, Ashis Debnath, Janak Barman, Sunanda Ghatak, Manik Maitra, Hriday Ranjan Sarkar,Biplab Das, Sajal Das, Tapash Mondal, Iunus Miah, Madan Gopal Adhikary, Kamalesh Mandal, Ajad Mondal, Jaysree Sarkar, Bimal Ghosh.,

6 Name of the Project Scholars : Nil

7 Name of the Non-Teaching Staff : Rajib Kr. Goswami, Ramesh Ch. Singha

8 Students Strength: 1st Sem Male 43 Female 77 Total 120 2nd Sem Male 36 Female 70 Total 106

9 Seminar / Conferences attended (Outside the country & Within the country)

Sl. No.	Name of the Teacher	Name of the Seminars/conference	Venue& Date	Title of the paper presented
1	Dr.Bikash Ch. Paul	1.Folk song Ekush	Surya Sen Mahavidyalaya,Siliguri,20/2/18	Shramsangeet.
		2. Revisiting 1942:75 years of Quit India Movement	Organised by Amarkutir Society,Itihas Samsad, W.B.& Bolpur College, Birbhum,4 th & 5 th .	Bangla Sahityee Bharat charo Andolon

10.Organized Seminar/ Conferences

Name of Seminar/ Conferences	Date of Seminar/Conferences
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Refresher course: Bangla sahitya, samaj o sahitya andalon	7/12/17 to 27/12/17
International Seminar : Unish bish shotoker bangla probondho sahitya	22/3/17 to 23/3/17
RC. ON Samaj Andolon o Bangla Sahitya.	1 st to 21 December 2017
Unish-Bish Shataker Bangla Prabandha Sahitya : Bishoy Bhabna o Khatan Bhangir Bhinnotay.	22 nd & 23 rd March 2018
Iswarchandra Vidyasagar : Samakale o Samprotikkale.	14 th & 15 th March 2019

11. Publication:

Name of the Author	Name of the Book/ Journal/ Volume	Year of Publishing
Bikash Paul	Shaktitvatva o Shakta Sahitya, ISBN. 978-93-83521-51-7	Ekush shatak, 2018
	Some items on Folk culture, Bangya Loksanskriti Kosh, Edt. By Prof. Barun Kumar Chakraborty, ISBN. 978-81682-09-8	Aparna Book Distributers, 2018
	Jalpaigurir Patra-Patrika, Swadhinottor Banglar Little Magazine: Charcha o charja, Edt. By Tapan Goswami, ISBN. 978-93-81245-87-3	Ashadeep, 2018
	Janani Janmabhumi, Avijan- (peer reviewed) Suvash Mukhopadhyay Sankhya, Edt. By Tapan Goswami. Avijan, Howrah, 2018	

12. Research Project : Minor Research Project

	Title of the Scheme Project	Sanctioned Authority	Sanctioned Amount
Dr. Bikash Chandra Paul	Lokmantra o Karan- Paddhati : Samgraha Bishlesanatwak Samiksha	NBU	!,00,000/-

13. Visiting Fellow: Nil

14. Award Received: Nil

DEPARTMENT OF COMMERCE

1. **Name of the Department:** COMMERCE, University of North Bengal

2. **Date of Establishment:** 1962

3. **Introduction of the Department:** The Post Graduate Department of Commerce was established in 1965 with the objective of promoting teaching and research in different functional areas of Management and Commerce. The course curriculum has been designed according to the guidelines prescribed by the UGC and it aims at imparting fundamental knowledge of managing men, material and money and developing students with technical and analytical skill. The syllabus also includes some courses to impart the knowledge of economic and business environment so that they can understand how to handle strategic and operational issues in the context of changing market environment.

4. **Name of the Faculty :**

<u>Professor</u>	<u>Associate Professor</u>	<u>Assistant Professor</u>
Prof. PalasRanjanSengupta	Dr. Debasis Bhattacharya	Mr. Joy Sarkar
Prof. SamirendraNathDhar		Smt. Saraswati Lama
Prof. Indrajit Ray		
Prof. Dipen Roy		
Prof. DebabrataMitra		

5. **Name of the Research Scholars:**

Sumit Pradhan, Narayan Prasad

6. **Name of the Project Scholars:** None

7. **Name of the Non-Teaching Staff:**

<u>Name</u>	<u>Designation</u>
Manik Das	Office Assistant (Casual)
RashikLal Roy	Senior Peon (Permanent)

8. **Students Strength:**

<u>Students</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
Part-I 1 st Sem. (2017-18)	25	33	58
2 nd Sem. (2017-18)	22	32	54
Part-II 3 rd Sem. (2017-18)	22	30	52
4 th Sem. (2017-18)	18	29	47

9. **Seminar/Conferences attended (Outside the Country & Within the Country)**

<u>Name of the Teacher</u>	<u>Name of the Seminars / Conference</u>	<u>Venue & Date</u>	<u>Title of the paper presented</u>
Prof. Debabrata Mitra	29 th National Conference of Maharashtra State Commerce Association organized	VidyaShikshanPrasarak Mandal AHE's Central Institute of Business Management Research & Development, Nagpur in Association with Department of Commerce, 20 th January, 2018	"Corporate Governance and Business Ethos: Its Impact on Indian Industries"
	70 th All India Commerce Conference organized by Indian Commerce Association in collaboration with the IIS University.	Jaipur held on 12 th – 14 th October, 2017	"Retail Consumer Behavior of Floriculture Industry in Eastern India: An Empirical Study"

	70 th All India Commerce Conference organized by Indian Commerce Association in collaboration with the IIS University	Jaipur held on 12 th – 14 th October, 2017	“A Study on Analysis of Financial Performance of Life Insurance Firms Operating in India”
	70 th All India Commerce Conference organized by Indian Commerce Association in collaboration with the IIS University	Jaipur held on 12 th – 14 th October, 2017.	“Implementation of GST: It’s Probable Impact on Indian Economy”
	“Global Insurance: Practices & Outlook” organized by the Department of Commerce, Osmania University	Hyderabad during 29 th – 31 st July, 2017.	“Liberalization of Life Insurance Sector: It’s Impact on Penetration”
Dr. Soumitra Sarkar	1. International Conference on Recent Innovation in Management, Accounting, Business and Entrepreneurship.	Department of Management, University of North Bengal 22-24 November 2017	Agriculture Marketing: Predicaments and impediments- A Case Study of Rural Bengal
	2. National Seminar on Regional Development differentials in Eastern and North Eastern India	Department of Economics, University of North Bengal, 2017	Micro finance: An Instrument of Economic Development- An Analysis in North East India

10. Seminar Organized: Nil

11. Publication:

Name of the Author	Name of the Book / Journal / Volume	Year of Publication
Dr. Debasis Bhattacharjee	1. A Study on Job induced Stress of BPO Employees: A binary Logistic Regression approach. Dr D Bhattacharya & Dr S. Dey. International Research Journal of Human Resources and Social Sciences, ISSN 2394 4218 2. Park Tourists Behavioral Loyalty A Study on Revisit Intention and Willingness to Recommend Dooars as a Tourism Destination. Dr D Bhattacharya & Dr S. Dey International Journal of Exclusive Research., 2017, 2249 8672 3. Ban on Maggi Noodles in India: Consumer Perceptions toward the Quality of Corporate Governance. International Journal of Business and General Management Dr D Bhattacharya & Dr S. Dey 2319 2267 4. Online Impulse Buying: A Conceptual Study, Dr D Bhattacharya, Dr S. Dey & Santana Guha, International Journal of Multidisciplinary Educational Research ISSN, 22777881	2017-18
Prof. Dipen Roy	1. Merger, Shareholder Value and Corporate Governance an Empirical Study of Mergers & Acquisitions in India, the Management Accountant Journal, vol. 54, pp. 46-52 2. Demonetization, Corporate Adaption and Financial Policy, Research Bulletin vol. 44, No.1, pp. 57-68 with co-author S K Santra, Pawan Prasad, 3. Role of Non-Financial Factors in Industrial Investment Decisions:	2017-18

	Findings from Survey Research Bulletin, Vol. 43 (3), pp. 33-48 with D. Roy, D.C. Hota	
Mr. Joy Sarkar	Domestic Integration: An Empirical Investigation of the Select Segments of Indian Money Market, International Research Journal of Management and Commerce.	2017-18
Prof. Palas R. Sengupta	Mamata Prasad and Palas R Sengupta 'An Empirical Study of Medical Doctors Occupational Stress', Asian Journal of Management,(ISSN (ONLINE): 2321-5763 ISSN (PRINT) : 0976-495X), Vol 9: No:1., January-February:2018.	2017-18
5. Dr. Soumitra Sarkar	1.Efficacy of Micro Finance Movement: A DEA approach to Post-Mortem Analysis of SGSY in West Bengal. International Research Journal of Multidisciplinary Studies, Vol 3, issue 7, ISSN 2454-8499 2.Empowerment of Women: Micro Entrepreneurs under NRLM: A critical Analysis. IOSR Journal of Business and Management. Vol 9 issue 5. E-ISSN: 2278-487X 3.Efficacy of Financial inclusion drives- An Empirical study of Darjeeling District. Edited Book Titled “Efficacy of Financial inclusion policy and way ahead.” CRRID, Chandigarh	2017
6. Dr. Jamaluddeen	1.Principles of Different Types of Micro Credit. Hermeneutics (A Biannual Refereed International Journal for Business and Social Studies), VII (1), 19-22.(ISSN: 2231 – 6353) 2.Elements of Micro Finance and Its Integration with Micro Finance.HermeneuticS (A Biannual Refereed International Journal for Business and SocialStudies), 07 (02), 438-442.	2017-2018

12. Research Projects (Minor & Minor): Nil

13. Visiting Fellow: Nil

14. Any other information:

Prof. DebabrataMitra

PRESENTATION OF PAPER IN DIFFERENT SEMINARS/CONFERENCES

1. Chaired a technical session on “Role of Indian Philosophy in Commerce & Industry” at the 29th National Conference of Maharashtra State Commerce Association organized by VidyaShikshanPrasarak Mandal AHE’s Central Institute of Business Management Research & Development, Nagpur in Association with Department of Commerce, RashtrasantTukadojiMaharaj Nagpur University (RTMNU) held on 21st January, 2018
2. Chaired a technical session on “Recent Innovations in Human Resource Management” at the International Conference 2017 on “Recent Innovations in Management, Accounting, Business and Entrepreneurship” organized by the Department of Management, University of North Bengal held on 22nd – 24th November, 2017.
3. Chaired a technical session, “Remonetisation: Politics vis-à-vis Economics” at the 70th All India Commerce Conference organized by Indian Commerce Association in collaboration with the IIS University, Jaipur held on 12th – 14th October, 2017
4. Chaired a technical session no. VII at the three days International Conference on “Global Insurance: Practices & Outlook” organized by the Department of Commerce, Osmania University, Hyderabad during 29th – 31st July, 2017.

DEPARTMENT OF ECONOMICS

1. **Name of the Department** : Economics

2. **Date of Establishment** : 01.06.1962

3. **Introduction of the Department** : The Department of Economics was established on 2 November 1962. Faculty and staff strength at the Department currently comprises 12 sanctioned teaching posts (2P/4 Associate Professors/6 Assistant Professors) and a complement of 2 non-teaching staff comprising a Senior Assistant and a Record Supplier. The current intake capacity of teaching courses at the Department is 150 (75+75) for the Postgraduate Economics Course and 10 for the M.Phil course in Economics. 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 (both years), and a Term Paper (final year), 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 to help weaker students to frame answers to assignments and develop writing skills are featured in the regular course work.

With the induction of the Department into the UGC-SAP programme since 2004, the SSP has been reorganized around the SAP thrust areas. During the 1st phase of SAP the Department has created units/modules in the twin thrust areas of Regional Economics Studies and Gender Economics Studies which form components for a teaching syllabus as optional papers in the M.A./ M.Phil syllabi.

The M.Phil programme in Economics comprises compulsory course-work in selected focus-areas of theoretical, methodological and empirical areas in Economics, including three optional papers, and is followed by dissertation work to be submitted in partial fulfillment of the course requirements. The Department has an active research programme under which many students have successfully worked for a Ph.D. in Economics, with a number of doctoral dissertations currently underway. 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.

4. Name of the Faculty

Professor	Associate Professor	Assistant Professor
Dr.Sanchari Roy Mukherjee Dr. K. K. Bagchi	Ms. Sudakshina Ray Dr. K. Dutta	Dr. T. R. Majumdar Dr. G. Choudhury Mr. Karan Tamang

Head of the Department: Prof. Sanchari Roy Mukherjee

5. Name of the Ph.D. & M. Phil. Research Scholars Fellowship Awarded:

S.No	Name	Status of the Scholar	Remarks
1	Samikhana Pradhan	State non- net	State fellowship
2	Ashiya Thapa	State non- net	State fellowship

6. **Name of the Project Scholars:** Ms. Amrita Chakraborty

7. Name of Non- Teaching Staff:

- a) Shri. Nayan Das Roy (Jr. Assistant cum Typist)
- b) Smt. Dolly Dey (Senior Peon)

8. Student Strength:

Total Strength of Ph.D. & M. Phil. Scholar

Year	2017-18
Ph.D.	03

M.Phil	05
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M.A student Strength (2017-18)

Semester	Male	Female	Total
1 st Sem.	20	13	33
2 nd Sem	20	13	33
3 rd Sem	06	18	24
4 th Sem	06	18	24

9. Seminar/ Conferences Attended (Outside the Country & within the Country) (2017-18)

Name of the Teacher	Name of the Seminar/ Conferences	Venue and Date	Title of the Paper Presented
Prof. Sanchari Roy Mukherjee	Eco regional Issues & Human Development Concerns in Eastern and North Eastern India	Department of Economics, NBU, 2018	Attended
Prof. K.K.Bagchi	Eco regional Issues & Human Development Concerns in Eastern and North Eastern India	Department of Economics, NBU, 2018	Attended
	2 nd World Congress of Comparative Economics on “1917-2017: Revolution and Evolution in Economic Development”	HSE University, Saint Petersburg, Russian Federation on June, 2017	“Structural Transformation of the Indian and the Chinese Economy – A Comparative Study on Pattern Pace and Constraints”
	26 th Annual Conference of the World History Association on “The Atlantic World and Food in world History	World History Association at North eastern University, Boston, the United States of America, 2017.	“Diagnosing the Causes of Great Bengal Famine of 1943 – The Essence of the Duel between FAD and Entitlement Approaches”
Sudakshina Ray	Eco regional Issues & Human Development Concerns in Eastern and North Eastern India	Department of Economics, NBU, 2018	Attended
K.Datta	Eco regional Issues & Human Development Concerns in Eastern and North Eastern India	Department of Economics, NBU, 2018	Attended
	Condition of Plantation Labour in North Bengal Tea Zone	Department of Sociology, University of North Bengal, on 29 th August, 2017	Attended
Dr.Tamash Ranjan Majumdar	Eco regional Issues & Human Development Concerns in Eastern and North Eastern India	Department of Economics, NBU, 2018	Attended
Dr.Govinda Choudhury	Eco regional Issues & Human Development Concerns in Eastern and North Eastern India	Department of Economics, NBU, 2018	“Mapping wetlands and water use in EGP of North Bengal”
	Peace, Conflict and Development in the Himalayas: Process, Issues and Initiatives,	Centre for Himalayan Studies, University of North Bengal, 2018	Conservation-development trade-off in the Himalayas: conflict or cooperation
	Local Issues Global Resolutions: Ecology, Environment, Climate & Economy,	Raiganj University, West Bengal, 2018	Environment, climate and economy nexus: Understanding the North-South debate
Mr. Karan Tamang	Eco regional Issues & Human Development Concerns in Eastern and North Eastern India	Department of Economics, NBU, 2018	Attended
Dr. Zafar	Eco regional Issues & Human	Department of Economics,	Attended

Iqbal	Development Concerns in Eastern and North Eastern India	NBU, 2018	
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10. Organised Seminar/ Conferences (2017-18)

Eco regional Issues & Human Development Concerns in Eastern and North Eastern India	Department of Economics, NBU, 2018
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11. Publications: (2017-18)

Name of the Author	Name of the Book/ Journal/ Volume	Year of Publication	Name of Publisher
Nil			

DEPARTMENT OF ENGLISH

1. **Name of the Department:** English, University of North Bengal Main Campus

2. **Date of Establishment:** 1962

3. **Introduction of the Department:** The history of the Department of English dates back to the founding year of the University in 1962. Ever since, the Department has grown and flourished to become a prominent part of the University. The Department takes great pride in its faculty members – scholars who have gained a fair reputation in the national and international academic communities. Their expertise is well complemented by an infrastructure, consisting of a language lab, a well stocked seminar library, a computer lab, and the audio visual aids, that facilitates a multi dimensional teaching and learning process. Apart from this, the faculty believes in maintaining a cooperative and friendly relationship with their students hailing from various regions and backgrounds. The Department is also glad to mentor a number of research scholars over the years whose rigour and output have placed them rightfully on the academic map.

4. **Name of the Faculty:**

Professor	Associate Professor	Assistant Professor
Ashis Sengupta	Chandanashis Laha (Retired on 16/02/2018) Bishnupada Roy	Ranjan Ghosh Kaushani Mondal Nirmalya Biswas

5. **Name of the Research Scholars:**

Nilanjana Sen Pinaki Ranjan Das	Anisha Ghosh Paul Sylee Roy	Jayjit Sarkar Soumyadeep Ghosh
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6. **Name of the Project Scholars:** NIL

7. **Name of the Non-Teaching Staff:**

Name	Designation
Mahashankar Jha	Senior Assistant
Partha Majumdar	Group – D

8. **Students Strength:**

Semester	Male	Female	Total
Semester I	34	65	99
Semester II	40	59	99
Semester III	26	75	101
Semester IV	25	77	102

9. **Seminars/ Conferences attended:**

Name of the Faculty	Name of Seminars /Conferences	Venue & Date	Title of Paper Presented
Ashis Sengupta	Narratives of Violence	NEHU, Shillong November 17-18, 2017	Fragmented Nations, Fractured Lives, and Theatre in South Asia.
Nirmalya Biswas	International Seminar on 'Politics of Representation: Interdisciplinary Perspective.'	Department of English, Sikkim University November 01-03, 2017	Performing Rupture: The Historical and Personal in Intizar Hussain's <i>An Unwritten Epic</i>

10. **Organised Seminar/ Conferences:**

Name of the Faculty	Name of Seminar/Conferences	Date
Ranjan Ghosh	Thinking Literature across Continents	March 24-25, 2017
	The Humanities Matter (?)	February 10-11, 2018
	Workshop on Joseph Conrad	February 19, 2018

11. Publications:

Name of the Faculty	Title	Book / Journal / Volume	Year of Publication
Ranjan Ghosh	<i>Transcultural Poetics and the Concept of the Poet</i>	New York: Routledge	2017
	<i>Aesthetics, Politics, Pedagogy, Tagore: Towards a Transcultural Philosophy of Education</i>	London: Palgrave	2017
	Sahitya Redux	Symploke (Nebraska University Press) [Critical Forum on my book Thinking Literature across Continents]	December, 2017
	‘Marjorie Perloff, J. Hillis Miller, Charles Bernstein & Ranjan Ghosh, ‘Thinking Literature across Continents’	CounterText Edinburgh University Press	December, 2017; April, 2018
	‘Aesthetic Imaginary: Rethinking the Comparative’	Canadian Review of Comparative Literature, 44.3	September, 2017
Nirmalya Biswas	Romance Re-Told: A Critical Look at Michael Madhusudan Dutt’s <i>The Captive Ladie</i>	<i>Visages of Indian Writing in English: Poetry and Fiction</i> ; pp. 45-54	February, 2018

12. Research Projects: Major & Minor

Major Research Project	
Title of the Project	Sanctioning Authority
NIL	NA
Minor Research Project	
Title of the Project	Sanctioning Authority
NIL	NA

13. Visiting Fellows:

Name of the Visiting Fellow	Duration
NIL	NA

14. Any other information: (Awards Received)**Ranjan Ghosh:**

- Guest Professor, Department of English, University of Malta, March, 2017
- Guest Professor, Department of English, University of Cyprus, March, 2017
- Visiting Professor, Department of English and American Studies, University of Würzburg (Germany) & Guest Professor, Siebold Institute of Advanced Studies, September-October, 2017
- Delivered on invitation the Annual Lecture on Critical theory and Criticism, University of Cyprus, 2017
- Invited to deliver the Frankfurt Lectures on Theory and Cultural Studies, Johann Wolfgang Goethe-University, Frankfurt, Germany, October, 2017.
- Visiting Professor, Bankura University, 2017
- Guest Professor, holding research seminars at the Department of English, Raiganj University, 2018.

Kaushani Mondal

- Course Coordinator of Refresher Course in English (January 09-29, 2018) at the UGC Human Resource Development Centre, University of North Bengal

Nirmalya Biswas:

- Course Coordinator of Refresher Course in English (January 09-29, 2018) at the UGC Human Resource Development Centre, University of North Bengal
- Gold Medal Winner (State Champion) in Quiz at West Bengal State Student-Youth Festival, 2017-2018, organized by the Department of Youth Services & Sports, Government of West Bengal

DEPARTMENT OF HINDI

1. **Name of the Department:** Department of Hindi

2. **Date of Establishment:** 2004

3. **Introduction of the Department.:**

The Department of Hindi, NBU was opened under the X (10th) plan of U.G.C. in the year 2004 with three teaching posts i.e. Reader-01, Lecturer-02. Later on additional post of Professor-01 was sanctioned under the XI plan. Now, the Department has four teaching posts out of which two posts are vacant. The Department of Hindi, NBU is located in a Non-Hindi speaking boarder area. Further, this is multilingual zone. Hindi language is a bridge in between cultures. So, this Department has a socio-cultural importance.

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 wall magazine changes it's face on every fortnight.

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 it's students.

The Department offers M.A. and Ph.D. programmes. The present intake of P.G. is 39.

4. **Name of the Faculty:**

Professor	Associate Professor	Assistant Professor
Dr. Manisha Jha	Dr. Sunil Kr. Dwivedi	Sri Manoj Biswakarma

5. **Name of the Research Scholar/s:** 1. Sri Santosh Kumar Gupta 2. Sri Saroj Lama 3. Sri Ravi Shanker Shukla 4. Smt. Emrencia Xalxo 5. Sri Chaturanjan Jha 6. Sri Pradeep Thakur 7. Sri Pappujit Singh 8. Sri Prashanta Sarkar 9. Sri Sandeep Prasad 10. Sri Gautam Singh Rana

6. **Name of the project Scholar/s:** NIL

7. **Name of Non-teaching staff:**

- a) Sri Surendra Kr. Mahato- Sr. Asstt.
- b) Smt. Jasinta Oraon- Sr. Peon

8. **Student strength**

Students	Semester	Male	Female	Total
Part-I	1 st Semester	05	27	32
	2 nd Semester	05	27	32
Part-II	3 rd Semester	07	20	27
	4 th semester	07	20	27

9. **Seminar/Conferences attended:**

Name of the teacher	Name of the Seminar/ Conferences	Venue & date	Title of the paper presented
Dr. Manisha Jha	1.UGC-Sponsored Orientation Programme	HRDC, NBU,09.06.2017	Friendship: A Philisophical Discussion
	2.DOHE- Sponsored National Seminar	Gorubathan College,28.02.2018	Samkaleen Hindi Kavita Mein Adivasi Samaj
	3ICSSR-Sponsored National Seminar	Bardhaman University, 02.11.2017	Samkaleen Hindi Upanyas Mein Stree Aur Samaj

	4.UGC-Sponsored Orientation Programme 5. UGC-Sponsored National Seminar 6. National Seminar 7.UGC- sponsored Refresher Course 8. UGC- sponsored Refresher Course 9. Panel Discusson 10.Course Co-ordinator, Short term Course	HRDC, NBU,22.08.2017 Hindi Department, NBU, 13.09.2017 Visva – Bharati,Santiniketan, 23.03.2018,24.03.2018 CWS & HRDC,NBU,13.02.2018 EVS.(ID),HRDC,NBU,13.02.2018 Banaras Hindu University,13.11.2017 HRDC,NBU,30.08.2017 to 05.09.2017	Women Discourse Muktibodh Ki Kavita Chhayavadi Kavita Mein Navonmesh Roal of Women in Hindi Cinema Environment and Literature Sarjak Ka Paksh aur Muktibodh Gender Sesityation
Dr. Sunil Kr. Dwivedi	1. Short term course 2. UGC sponsored National Seminar	UGC-ASC (HRDC), NBU, 10.06.2017 Hindi Department, NBU, 13 th & 14 th Sept. 2017	Different Aspects of the Research Methodology Muktibodh: Chintan Evam Srijan
Dr. Manoj Biswakarma	1. UGC (HRDC, ASC) sponsored 2. UGC (HRDC, ASC) sponsored	Hindi Department, NBU, 13.09.2017 Gorubathan College, 28.02.18	Muktiboodh Ki Rachana Prakriya Samkaleen Hindi Kavita Mein Adivasi Jivan Aur Pratirodh Ka Swar

10.Organized seminar/Conferences:

Name of the Seminar/Conference	Date of the Seminar/Conference	Remarks
1. UGC Sponsored National Seminar 2. Special Lecture Programme	13 th & 14 th Sept. 2017 20.02.2018	

11.Publications:

Name of the Author	Name of the Book/ Journal/ Volume	Year of Publication
Dr. Manisha Jha	1. Samkalin Hindi Upanyas Mein Gharelu Hinsa Evam Stree-Utpeeran Sandarbh, Hindi Anushilan ,Prayag	June, 2017
Dr. Sunil Kr. Dwivedi	1. Aalochana Ka Manush Marm Aur Muktibodh, Samvad (ISSN-2231-0525) Vol-12.	2018
Dr. Manoj Biswakarma	1. Muktibodh, Samvad (ISSN-2231-0525) Vol-12.	2018

12. Research Projects (Major & Minor): NIL

Major Research Project: Nil		
Title of the Scheme Project	Sanctioned Authority	Duration

Minor Research Project		
Title of the Scheme Project	Sanctioned Authority	Faculty

University Research Project	N.B.U. (2017-2018)	Dr. Manoj Biswakarma
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13. Visiting Faculty:

Name of the Visiting Faculty	Duration
Dr. Meera Sinha (Ambusta)	12.09.2017-16.09.2017

DEPARTMENT OF HISTORY

1. **Name of the Department** : **HISTORY**
2. **Date of Establishment** : 1965
3. **Introduction of the Department** : The Department of History was established in the year 1964 (23-02-1965), 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 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.

4. **Name of the Faculty**

Professor	Associate Professor	Assistant Professor
1. Dr. Bijoy Kumar Sarkar		1. Dr. Dahlia Bhattacharya 2. Dr. Sudash Lama 3. Sri Varun Kr. Roy 4. Dr. Amrita Mondal

5. **Name of the Research Scholars**

- 1) Badal Roy S.R.F (UGC-RGNF)
- 2) Md. Nabiul Islam S.R.F (UGC -MANF)
- 3) Madhusudan Paul JRF (State Fellow)
- 4) Tapas Biswas JRF (State Fellow)
- 5) Nasrin Ara Rahaman
- 6) Tushar kanti Barman
- 7) Monoranjan Sarkar
- 8) Chanchal Mondal
- 9) Abhijit Datta,
- 10) Anamika Choudhury

6. **Name of the Project Scholars** : Nil

7. **Name of The Non-Teaching Staff** :

Name	Designation
Smt. Sharmistha Das	Senior Assistant
Sri Somnath De	Casual Gr. D

8. **Students Strength :**

Students	Male	Female	Total	
Part I	1 st Sem.	46	43	174
	2 nd Sem.	55	30	
Part II	3 rd Sem.	43	41	168

	4 th Sem.	43	41	
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9. Seminar/ Conferences attended (Outside the country & within the country):

Name of the Teacher	Name of the Seminars/ Conference	Venue & Date	Title of the paper presented
Prof. Bijoy Kumar Sarkar	International Seminar on Lok Sanskriti : Atit Bartaman o Bhabisyat ”	Centre for Studies in Local Languages and Cultures, NBU 11 th to 13 th March 2018.	Chain Sampradayer Kone- Putul Bhasano Utsab:Ekta Sanskritik Paryalochana
Dr. Dahlia Bhattacharya	National Seminar on History of North Bengal : A new Perspective	Department of History, Raiganj Surendra Mahavidlaya 5-6 th April 2017	Health, Diseases and Medicines: Hills during Colonial Regime.
Sudash Lama	Orientation “National Service Scheme”	16 th to 22 nd July 2017	NSS
	Lok Sanskriti: Atit, Bartaman o Bhabisyat	11 to 13 March 2018	Paradox of Culture and Religion: Analysing the case of Tamang Community
Sri Varun Kumar Roy	One day National Seminar	Centre for Studies in Local Languages and Culture 24 th Nov, 2017	“ Geo-Political Location and Prospects of Eco-Tourism in North Bengal”
Dr. Amrita Mondal	The Seventy-Eight Session Indian History Congress	Jadavpur University Kolkata 28 th to 30 th December 2017	“Struggle for Temperance: Women and Anti-liquor Movement in Colonial Bengal”
	National Conference on Indian History Emerging Perspectives, Indian Council of Historical Research	5 th to 7 th March 2018	

10. Organized Seminar / Conferences: Nil

Name of the Seminar/Conference	Date of the Seminar / Conference

11. Publication:

Name of the Author	Name of the Book/Journal/Volume	Year of Publication
Dr. Dahlia Bhattacharya	“Karatoya”	2017
Dr Sudash Lama	“Karatoya” North Bengal University Journal of History, Vol-10	2017
	Victorian Journal of Arts Vol: XI, Issue-1	2018
Sri Varun Kumar Roy	International Journal of Integrated Research and Development Issue 14, vol 2, Dec-2017 (UGC-Enlisted Sl. No. 448, Journal No. 41601, ISSN: 2278-8670, peer-reviewed and Multi-Disciplinary)	December 2017

12. Research Projects (Major & Minor): Nil

Major Research Project		
Title of the Scheme Project	Sanctioned Authority	
Minor Research Project		

Title of the Scheme Project	Sanctioned Authority	

13. **Visiting Fellow: NIL**

DEPARTMENT OF LAW

1. **Name of the Department** : Law
2. **Date of Establishment** : 1974
3. **Introduction of the Department** :

The journey began in 1974. The Department of Law 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. Originally, in 1974, the Institution was established as University Law College and was housed in the building of Arts. In the year 2000 it was upgraded to the status of a Department of North Bengal University with a separate, distinct and prestigious location.

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. Presently the Department is imparting 5 year integrated B.A. LL. B. (Hons.) Course (under the CBCS mode). The intake capacity of the Department is 96 students. The admission is made strictly on the basis of merit and marks obtained in the Higher Secondary or any other equivalent and recognized examination. The age bar for admission has also been imposed. It has the pride of imparting Post-graduate course in Law (LL. M.) since 1993 with an intake of 20 students (at present there are 25 seats). The Department has a rich Ph. D programme. It was started in 1999 and since then more than 48 Ph. D degrees have been awarded. Presently there are about 25 scholars engaged in doctoral research under various faculty members under the UGC Regulation, 2016.

The year 2010 has been a landmark in the history of the Department of law as the publication of law journal entitled, 'Indian Journal of Law and Justice' (ISSN: 0976-3570) began in March, 2010. Twenty issues of the journal have been published since. In addition to the journal, edited books in the form of Conference and Seminar proceedings on '**Public Health Law**', '**Privatization of Higher Education in India: Legal Challenges**', '**Environment, Governance and Development**', '**Human Rights and Duties**', '**Rule Of Law: An Anthology**', '**Trafficking in Persons: Prevention, Control and Rehabilitation**' and '**Environmental Justice through Sustainable Water Resource Management: Issues, Challenges and Solutions**'.

4. **Name of the Faculty** :

Professor	Associate Professor	Assistant professor
<ol style="list-style-type: none"> 1. Prof. Rathin Bandyopadhyay (Professor) 2. Prof. Gangotri Chakraborty (Professor) 		<ol style="list-style-type: none"> 1. Dr. Sujit Kumar Biswas (Assistant Professor) 2. Dr. Narender Nagarwal (Assistant Professor) 3. Dr. R. D. Dubey (Assistant Professor Full Time Contractual) 4. Ms. Sangeeta Mandal (Assistant Professor Full Time Contractual) 5. Mrs. Sanyukta Moitra (Assistant Professor Full Time Contractual) 6. Mrs. Soma Dey Sarkar (Assistant Professor Full Time Contractual) 7. Dr. Chandrani Chatterjee (Assistant Professor Full Time Contractual) 8. Mrs. Priya Roy (Assistant Professor Full Time Contractual) 9. Ms. Indrani Kundu (Assistant Professor Full Time Contractual) 10. Mr. Biresh Prasad (Guest Faculty) 11. Mr. Sanjay Dutta (Assistant Professor Part Time Contractual) 12. Mrs. Taniya Basu Majumdar (Assistant Professor Part

		Time Contractual) 13. Mrs. Debarati Chanda (Assistant Professor Part Time Contractual) 14. Mr. Soumalya Ghosh (Assistant Professor Part Time Contractual) 15. Mr. Sunam Thapa (Assistant Professor Part Time Contractual)
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5. Name of the Research Scholars:

Sl. No.	Name
1	Anit Kumar
2	Ruchita Chakraborty
3	Indrani Kundu

6. Name of the Project Scholars: Nil

7. Name of Non-Teaching Staff:

Name	Designation
1. Mr. Arunava Choudhury	Jr. Superintendent
2. Mr. Samir Kr. Roy	Technical Assistant
3. Mr. Santanu Chanda	Assistant Librarian
4. Mr. Bachchu Ch. Dey	Sr. Peon
5. Mr. Babla Nag	Jr. Assistant- Cum- Typist
6. Mr. Amal Kr. Dhar	Casual worker (Grade-III)
7. Mr. Bhaskar Pal	Casual worker (Grade-III)
8. Mr. Anjan Choudhury	Jr. Peon
9. Mr. Bechan Mallick	Casual Sweeper (Grade-IV)

8. Student Strength

Student	Male	Female	Total
Part –I 1 st Sem	05	26	31
2 nd Sem	01	18	19
Part –II 3 rd Sem	01	13	14
4 th Sem	01	13	14

9. Seminar/ Conference attended (Outside the Country & Within the Country):

Name of the Teacher	Name of the Seminar/ Conference	Venue and Date	Title of the Paper
Prof. Rathin Bandyopadhyay	International Conference on Recent Innovation in Management, Accounting, Business and Entrepreneurship	Department of Management, University of North Bengal 3 Day(22-24 November, 2017)	Role of Directors in Corporate Governance: Changes and Challenges
Prof. Rathin Bandyopadhyay	Seminar on Societal Intolerance and Our Responsibilities	NBU-PNTEO, University of North Bengal 1 Day(08.12.2017)	
Prof. Rathin Bandyopadhyay	UGC sponsored National Seminar on Equality, Discrimination and Difference : Issues of Tolerance in Globalised World	Department of Law, University of North Bengal 2 Day (9-10 September, 2017)	Freedom of Speech and Expression vis- a- vis issues of National Security: An Introspection Under Indian Constitutional Framework
Prof. Gangotri Chakraborty	UGC sponsored National Seminar on Equality, Discrimination and Difference :	Department of Law, University of North Bengal	Dichotomies Of Justice: Combating Exclusion In India

	Issues of Tolerance in Globalised World	2 Day (9-10 September, 2017)	
Dr. Sujit Kumar Biswas	UGC Sponsored National Seminar Protection of Human Rights: Current Trends, Issues, Challenges and Prospects	Jalpaiguri Law College, Jalpaiguri (16 th -17 th December, 2017)	A Critical Analysis of the Working of the Human Rights Commission in India
Dr. Sujit Kumar Biswas	UGC sponsored National Seminar on Equality, Discrimination and Difference : Issues of Tolerance in Globalised World	Department of Law, University of North Bengal 2 Day (9-10 September, 2017)	Role of Judiciary in India vis-à-vis Protection of Freedom of Speech and Expression
Dr. Sangeeta Mandal	UGC-Sponsored National Seminar On Equality, Discrimination And Difference: Issues Of Tolerance In Globalised World, Dept. Of Law, University Of North Bengal	Department of Law, University of North Bengal 2 Day (9-10 September, 2017)	FREE SPEECH AND TOLERANCE: STRIKING A BALANCE
Mrs. Sanyukta Moitra	One Decade Of Right To Information In India : Expectations, Failures And Roadmap For The Future	The West Bengal University Of Juridical Sciences, Kolkata 22 nd July, 2017	Combating Corruption Through Right To Information In India: A Journey From Secret To Transparency
Mrs. Sanyukta Moitra	UGC Sponsored National Seminar On Equality, Discrimination And Differences: Issues Of Tolerance In Globalised World	Dept. Of Law, University Of North Bengal 9 th And 10 th September, 2017	Rising Religious Tolerance In India: A Legal And Exploratory Analysis
Dr. Soma Dey Sarkar	UGC Sponsored National Seminar On Equality, Discrimination And Differences: Issues Of Tolerance In Globalised World	Dept. Of Law, University Of North Bengal 9 th And 10 th September, 2017	The Cardinal Duty To Practice Tolerance: A Constitutional Preview
Mr. Sanjay Dutta	Equality, Discrimination And Difference: Issues Of Tolarence In Globalisd World	Conference Hall, Administrative Building, University Of North Bengal & 09 And 10 September, 2017	Social Discrimination And Indian Constitution: Is Our Constitution Really Working?
Mrs. Taniya Basu Majumdar	UGC sponsored National Seminar on Equality, Discrimination and Difference : Issues	Department of Law, University of North Bengal 2 Day (9-10 September, 2017)	Gender Inequality, Discrimination and Differences in India: A Sociological Perspective.
Mr Biresh Prasad	UGC Sponsored National Seminar On Protection Of Human Rights: Current Trends, Issues, Challenges And Prospects	Jalpaiguri law college, jalpaiguri 16 th and 17 th Dec 2017	Imprisonment Does Not Bid Farewell To Fundamental Human Right

10. Organised Seminar/ Conferences:

Name of the Seminar/ Conference	Date of Seminar/ Conference	Remarks
UGC sponsored National Seminar on Equality, Discrimination and Difference : Issues of Tolerance in Globalized World	Department of Law, University of North Bengal 2 Day (9-10 September, 2017)	
National Moot Court Competition , Organized by Department	Department of Law 23 rd March and University Conference Hall	Participated by 20 law institution throughout

	24 th March 2018	India
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11. Publication:

NAME OF THE AUTHOR	NAME OF THE BOOK/ JOURNAL/ VOLUME	YEAR OF PUBLICATION
Prof. Gangotri Chakraborty	1. "Trafficking: Few Jurisprudential Musings" (Pg. 1- 16) in Edited Book "Trafficking In Persons Prevention, Control and Rehabilitation" ISBN: 978-81—921285-5-9	2017 (ANNUAL PUBLICATION)
Dr. Sujit Kumar Biswas	2. "Public Interest Litigation: Meaning and Dimensions (Page Nos. 98 to 115)in the Indian Journal of Law and Justice (IJLJ) Vol 8 No.2, University of North Bengal University	September 2017
Dr. Sujit Kumar Biswas	3. Judicial Activism in India (Page Nos. 1to 10) in India International Journal of Juridical Sciences, Vol. 6 Issue 1 & 2, ISSN No. 2278-3237	March & September 2017
Dr. Sangeeta Mandal	4. Human Trafficking & Forced Labour: Facts & Legal Perspectives (Pg. 175-186) in the Edited Book "Trafficking In Persons Prevention, Control and Rehabilitation" ISBN: 978-81—921285-5-9	2017(ANNUAL PUBLICATION)
Dr. Sangeeta Mandal	5. Judicial Review Of Policy Decisions Of The Government: New Challenges And Dimensions In Judiciary In India Indian Journal Of Law And Justice Vol. 9 No.1ISSN: 115 0976-35 70	2018(ANNUAL PUBLICATION)
Mrs.Sanyukta Moitra	6. Containing Corruption in India Through Right to Information : An Analysis, Indian Journal Of Law And Justice Vol. 9 No.1 ,ISSN: 115 0976-35 70	March 2018
Dr. Soma Dey Sarkar	7. Right To Promotion Vs. Right To Be Considered For Promotion: The Constitutional Mandate India International Journal Of Juridical Sciences (IIJS), Vol. 7 Issue 1, ISSN: 2278-3237, Pg. 90-101	March 2018
Dr. Chandrani Chatterjee	8. The Shattered Innocence: A Study of Cross-Border Women and Child Trafficking in the Contest of Siliguri, West Bengal (Pg. 134-151) in the Edited Book "Trafficking In Persons Prevention, Control and Rehabilitation" ISBN: 978-81-921285-5-9 CHAPTER IN BOOK	2017 (ANNUAL PUBLICATION)
Dr. Chandrani Chatterjee	9. Book Reviews N.R.Madhava Menon, Education and Public Helath- Legislative Initiatives in Fifty Years of the Republic (1950-2000), forwarded by Subhash C. Kashyap, Universal Law Publishing Co. Pvt. Ltd, New Delhi, India, 2013Edition ISBN: 978-93-5035-337-6 (Pg188-191) in Indian Journal of Law and Justice, Vol 8 No.2 , ISSN: 0976-3570 ARTICLE IN JOURNAL	September 2017
Dr. Chandrani Chatterjee	10. Life of Prisoner: A Legal Study System and its Reforms in India (Pg. 141-151) in Indian Journal of Law and Justice, Vol 9 No.1 , ISSN: 0976-3570 ARTICLE IN JOURNAL	March 2018
Dr. Priya Roy	11. Constitutional Imperative and Judicial Introspection of Human Rights to Education in India in Indian Human Rights Law Review, Vol. 8 No. 2(ISSN: 2230-7036)	Period from 1 st April, 2017 to 31 st March 2018
Dr. Priya Roy	12. Commercialisation of Higher Education in India: The Thriving Issues and its Judicial Reparation Indian Journal of Law and Justice, Vol. 8 No. 2(ISSN: 0976-	Period from 1 st April, 2017 to 31 st March 2018

	3570)	
Ms. Indrani Kundu	13. 'Tibetans in India: A Study in Nationality vis-à-vis Citizenship' in Banaras Law Journal, Benaras Hindu University.	July, 2017
Ms. Indrani Kundu	14. 'Mainstreaming the LGBT Community in India: Issues of Law and Morality' in Gauhati University Journal of Law of Department of Law, Gauhati university.	March, 2018
Ms. Indrani Kundu	15. 'Combating Cross-border trafficking- Indian Legal Framework and Challenges in India'(Pg. 187-205) in Edited Book 'Trafficking in Persons: Prevention, Control and Rehabilitation, ISBN: 978-81-921285-5-9	2017 (ANNUAL PUBLICATION)
Mr. Biresh Prasad	16. D.N. Mathur, Interpretation of Statutes (15 th ed 2015) Central Law Publications, 107- Darbhanga castle, Allahabad- 211002. Pp.475, in Indian Journal of Law and Justice, Vol.8 No.2, ISSN: 0976-3570	September 2017
Mr. Biresh Prasad	17. Right to freedom of religion under constitution of India : A critical analysis in light of religious Conversion, in Indian Journal of Law and Justice, , ISSN: 0976-3570	March, 2018
Mrs. Taniya Basu Majumdar	18. Factors Responsible for Man-Elephant Conflict: A Study in A Village of Kurseong Forest Division. (pg.-220-240) in Edited Book Contemporary Social Science: Issues And Challenges, ISBN: 978-93-84815-13-4.	April ,2017
Mr. Soumalya Ghosh	19. Uniform Civil Code: An Ideal Vision of Modern India, in Indian Journal Of Law And Justice, Vol.9 No.1, ISSN: 0976-3570	March 2018

12. Research Projects (Major & Minor):

Name of the Teacher	Title of the Scheme Project	Sanctioned Authority
Prof. Rathin Bandyopadhyay (Principal Investigator)	Protection of Human Rights of People Living in Enclaves: A socio- Legal study of Post Enclave Exchange Situation in West Bengal With Special Reference to Nalgram Enclave in District Coochbehar	University of North Bengal
Prof. Gangotri Chakraborty (Principal Investigator)	Protection of Human Rights of People Living in Enclaves: A socio- Legal study of Post Enclave Exchange Situation in West Bengal With Special Reference to Nalgram Enclave in District Coochbehar	University of North Bengal
Dr. Sujit Kumar Biswas (Co- Investigator)	Protection of Human Rights of People Living in Enclaves: A socio- Legal study of Post Enclave Exchange Situation in West Bengal With Special Reference to Nalgram Enclave in District Coochbehar	University of North Bengal

13. Visiting Fellow: N/A

Name of the visiting Fellow	duration	

14. Any other Information: N/A

DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE

1. **Name of the Department** : Library and Information Science
2. **Date of Establishment** : 1990-91
3. **Introduction of the Department** : The Department of Library and Information Science was established in the year 1990-91. As a fully-fledged Department, it was started with one year (two semesters) Bachelor of Library and Information Science (BLIS) with an intake of 56 students. In the year 2005 the department introduced the two years (four semesters) Master of Library and information Science (MLIS) with an intake of 40 students. The department is now having services of two full time faculties, four guest faculties and two non teaching staffs. The new annex building is accommodating both BLIS and MLIS courses and also have the provision for expansion of academic activities like M.Phil and Research Programmes. Being the only department rendering such professional courses, the department is executing as an information hub in the entire North Bengal.

4. **Name of the Faculty** :
- | Professor | Associate professor | Assistant professor |
|-----------|---------------------|---------------------|
| | | Dr. Saptarshi Ghosh |
| | | Dr. Tapan Barui |
| | | Mr. Mayukh Biswas |

5. **Name of the Research Scholars** : Nil
6. **Name of the Project Scholars** : NIL
7. **Name of the Non-teaching Staff** : 2 (Two)

Name	Designation
1. Deep Kumar Dutta	Gr. III (Casual)
2. Sankar Saha	Gr. IV (Casual)

8. Student Strength [2017-2018]

Students	Male	Female	Total
BLIS	10	20	30
MLIS	12	34	46

9. Seminar/ Conference attended (Outside the Country & Within the Country): Nil

10. Organized Seminar/ Conferences: Nil

11. Publication: Nil

12. Research Projects (Major & Minor)

Major Research Project		
Title of the Scheme Project	Sanctioned Authority	
NIL	NIL	NIL
Minor Research Project		
Title of the Scheme Project	Sanctioned Authority	
NIL	NIL	NIL

13. Visiting Fellow: Nil

Name of the Visiting Fellow	Duration	
Nil	NIL	NIL

DEPARTMENT OF LIFELONG LEARNING & EXTENSION

1. Name of the Department: Department of Lifelong Learning & Extension

2. Date of Establishment: 3rd August, 1987

3. Introduction of the Department: The Centre for Adult Continuing & Extension, University of North Bengal commenced functioning from August, 1987 with financial assistance received from the University Grants Commission. The Centre was upgraded into an academic department in April 2005 under the UGC Tenth Plan Guidelines and the name was eventually modified as Department of Adult Continuing Education, Extension & Field Outreach (DACEEFO). As per the Eleventh Plan Guidelines 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 the 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 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 programmes delivered through the University system.

The general objective of DLLE is to contribute through 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, trainings, seminars, sensitization cum awareness programme.

Thrust areas: Teaching, Training, Research and Extension Activities

TEACHING: COURSES OFFERED IN THE DEPARTMENT

Along the line of the major goals of the department stipulated by the UGC, the department started imparting formal education besides the basic thrust of reaching the community in the form of Post Graduate Diploma in Rural Development and Extension Education in the year 2006. Then, from 2011, the department, catering to the needs of the society, started regular M.A programme in Rural Development. The Department publishes its journal: Journal of Lifelong Learning and Development (ISSN: 2231 4121).

4. Name of the Faculty: (2017-2018)

Professor	Associate Professor	Assistant Professor
Arun K. Jana (Head)	Monotosh Bose	Dr. Ratna Sarkar (Contractual)
	Mahbub Ul Alam	Ms. Manasree Dasgupta (Part-time)

5. Name of the Research Scholars: None

6. Name of the Project Scholars: None

7. Name of the Non-Teaching Staff: 2017-2018

Name	Designation
Sri Basudeb Sutradhar	Group-D, Daily wage
Sri Ajoy Singha	Group-D, Daily wage

8. Students Strength: 2017-18

	Students	Male	Female	Total
Part -I	1 st Semester	10	14	24
	2 nd Semester	06	11	17
Part -II	3 rd Semester	08	11	19
	4 th Semester	08	11	19

9. Seminar/Conference attended (Outside the Country & Within the Country):

Name of the Teacher	Mahbub Ul Alam
Name of the Seminars/Conference	<i>National Knowledge Conclave 2019 for Green Educators</i> , organised by the Centre for Science and Environment, New Delhi
Venue & Date	Anil Agarwal Environment Training Institute (AAETI), Nimli (near Alwar), Rajasthan, from January 31 – February 2, 2018
Title of the Paper presented	Not Required

10. Organised Seminar/Conferences/Workshop/Training:2017-18

Sl. No.	Seminar/Conferences/Workshop/Training	
1	Title of the Workshop/Training & Venue	Certificate Course on Disaster Management Venue: North Bengal University Campus
	Date & Duration	December 1, 2017 – February 28, 2018 (three month)
	Target Audience/ Number of Participants	44 students/ activists participated in the course
	Number and Names of the Resource Persons	
	<ol style="list-style-type: none"> 1. M.U. Alam, Associate Professor & Programme Coordinator, Department of Lifelong Learning and Extension, North Bengal University 2. Aninditaa Maitra, United Nations Volunteer 3. Prof. A. P Das, Retd. Professor, Department of Botany, North Bengal University 4. Prof. Rajatshubro Mukhopadhyay, Retd. Professor of Sociology North Bengal University 5. Prof. Maitreyee Choudhury, Centre for Himalayan Studies, University of North Bengal 6. Sanjay Banerjee, Lecturer in First Aid, Indian Red Cross Society/ St. John Ambulance Association (India), Siliguri 7. Prof. Gangotri Chakraborty, Department of Law, North Bengal University 8. Prof. Sushma Rohatgi, Department of Geography & Applied Geography, North Bengal University 9. Md. Abdul Gani, WBCS (Exe.), Special Secretary, Department of Sundarban Affairs, Government of West Bengal, & Ex-Professor, Natural Disaster Management, ATI, West Bengal 10. Mr. Subrata Bhattacharya, Ex District Disaster Management Officer, „Jalpaiguri & DRR Activist 11. Mr. Sanat Nandi, Ex District Disaster Management Officer, Dakshin Dinajpur 12. Prof. S. Rahim Mondal, Former Professor, North Bengal University 13. Raju Roy, Deputy Director, Directorate of Distance Education, North Bengal University 14. Dr. Gopal De, Science Popularising activist, West Bengal 15. Mr. Biplob Roy, Science Popularising activist Siliguri 16. Dr. Prabir Kumar Panda, Centre for Innovative Studies, University of North Bengal 17. Dr. Abhijit Mukherjee, Department Of Community Medicine, North Bengal Medical College & Hospital & Hospital 18. Amit Khasnobis, Former Senior Staff Officer, Siliguri 19. B. P. Dhar, Officer-in-Charge, Kurseong Fire Station 20. Mr. Roshan Tamang, Leading Fire Officer, Kurseong Fire Station 21. Mr. Prasant Subba, Fire Officer, Kurseong Fire Station 22. Mr. Sujit Kumar Atta, Fire Engine Officer cum Driver, Kurseong Fire Station 23. Manas Bandhu Majumder, Phanindra Deb Institute, Jalpaiguri 24. Sankha Suvra Nandi, Jalpaiguri 25. Mr. Rafikul Islam, Expert in Disaster Management, Jalpaiguri 26. Smt. Keya Chakraborty, Senior Staff Officer, Civil Defence, Siliguri 27. Sri Subir Paul, Civil Defence, Siliguri 	

	<p>28. Smt. Sutapa Dey, Civil Defence, Siliguri 29. Sri Rupankar Nandi, Civil Defence, Siliguri 30. Susmita Roy, Volunteer, Civil Defence, Siliguri 31. Sri Raja Banik, Demonstrator, Civil Defence, Siliguri 32. Sri Indrajit Sharma, Civil Defence, Siliguri 33. Sri Uttam Bala, Civil Defence, Siliguri 34. Sri Bimal Ghosh, Civil Defence, Siliguri 35. Md. Hafizul Rahaman, Civil Defence, Siliguri 36. Sri Krishna Barman, Civil Defence, Siliguri 37. Sri Prakash Barman, Civil Defence, Siliguri 38. Dr. Ratna Sarkar, Department of Lifelong Learning and Extension, North Bengal University 39. Mr. Barisahan Chakraborty, North Bengal Explorers Club, Siliguri 40. Mr. Dipankar Dey, North Bengal Explorers Club, Siliguri 41. Mr. Asit Paul, North Bengal Explorers Club, Siliguri 42. Mr. Sandipan Dutta, North Bengal Explorers Club, Siliguri 43. Mr. Pritam Saha, North Bengal Explorers Club, Siliguri 44. Mr. Nihal Sarkar, North Bengal Explorers Club, Siliguri 45. Miss. Sudeshna Paul, North Bengal Explorers Club, Siliguri 46. Mr. Sourav Ghosh, North Bengal Explorers Club, Siliguri</p>	
2	Title of the Workshop/Training & Venue	Intensive Awareness and Training Programme on Disaster Management for College Students Venue Siliguri Mahila Mahavidyalaya, Darjeeling
	Date & Duration	9 th & 10 th January 2018
	Target Audience/ Number of Participants	74 College students and Teachers of the College
	Number and Names of the Resource Persons	<p>1. M. U. Alam, Associate Professor & Programme Coordinator, Department of Lifelong Learning and Extension, North Bengal University 2. Anindita Maitra, UN Volunteer 3. Prof. Rajat Subhra Mukhopadhyay, Retd. Professor, Department of Sociology, North Bengal University</p>
3	Title of the Workshop/Training & Venue	Training Workshop on Rural Livelihood [Thrust Area: Sharing Experiences between DLLE, NBU and Field Functionaries of DAY-NRLM (ANANDADHARA)] In collaboration with Mal Development Block Venue: Pachayat Samiti Hall, Mal Block, Jalpaiguri
	Date & Duration	22 & 23 February 2018
	Target Audience/ Number of Participants	Field Functionaries of DAY-NRLM (ANANDADHARA) of Mal Development Block, Jalpaiguri
	Number and Names of the Resource Persons	
	<p>1. Dr. Deb Kumar Mukherjee, Vice-Chancellor, Thakur Panchanan Barma University 2. Sri Siyad N, IAS, Sub Divisional Officer, Mal 3. Sri Bhusan Sherpa, WBCS (Exe.), BDO, Mal Block 4. Smt. Mamata Pal Chanda, Women Development Officer, Mal Block 5. Sri Rajen Pradhan, Social Activist, Malbazar 6. Sri Manotosh Bose, Associate Professor & Extension Activities, DLLE, NBU 7. Ms Manasree Dasgupta, Asstt. Professor (Part-time), DLLE, NBU</p>	
4	Title of the Workshop/Training & Venue	Intensive Awareness and training Programme on Disaster Management for University Students Venue: North Bengal University Campus
	Date & Duration	24 th & 25 th February 2018
	Target Audience/	40 University students

	Number of Participants	
	Number and Names of the Resource Persons	<ol style="list-style-type: none"> 1. M.U. Alam, Head, DLLE, NBU 2. Prof. Rajatshubra Mukhopadhyay, Retd. Professor, Department of Sociology, NBU 3. Aninditaa Maitra, UN Volunteer 4. Susmita Roy, Volunteer, Civil Defence, Siliguri 5. Rupankar Nandi, Volunteer, Civil Defence, Siliguri
5	Title of the Workshop/Training & Venue	Certificate Course on Health & Nutrition of Children in assistance with North Bengal Medical College & Hospital and Hospital Venue: North Bengal University Campus
	Date & Duration	7 th February – 15 th March 2019 (one month)
	Target Audience/ Number of Participants	81 (eighty one) Women & Girls
	Number and Names of the Resource Persons	
	<ol style="list-style-type: none"> 1. Prof. Somnath Ghosh, Vice-Chancellor, University of North Bengal 2. Prof. Sanchari Roy Mukherjee, Dean, Arts, Commerce & Law, University of North Bengal 3. Prof. Arun K. Jana, Head, Department of Lifelong Learning and Extension, North Bengal University 4. Prof. Rudranath Bhattacharya, Ex Dean, NB Medical College & Hospital 5. Prof. Samir Dasgupta, Head, Department of Community Medicine, North Bengal Medical College & Hospital 6. Dr. Tushar Kanti Saha, Department of Community Medicine, North Bengal Medical College & Hospital 7. Dr. Tapas Kumar Sarkar, Department of Community Medicine, North Bengal Medical College & Hospital 8. Dr. Nilanjana Ghosh, Department of Community Medicine, North Bengal Medical College & Hospital 9. Dr. Nabanita Bannerjee, Department of Community Medicine, North Bengal Medical College & Hospital 10. Dr. Sharmistha Mukherjee, Department of Community Medicine, North Bengal Medical College & Hospital 11. Dr. Romy Biswas, Department of Community Medicine, North Bengal Medical College & Hospital 12. Dr. Abhijit Mukherjee, Department of Community Medicine, North Bengal Medical College & Hospital 13. Dr. Koushik Ishore, Department of Community Medicine, North Bengal Medical College & Hospital 14. Dr. Eashin Gazi, Department of Community Medicine, North Bengal Medical College & Hospital 15. Prof. Jaydip Sen, Department of Anthropology, North Bengal University 16. Sri Subhas Singh, Chairman, NACDOR 17. Sri M. Bose, Associate Professor, Department of Lifelong Learning and Extension, North Bengal University 18. Dr. Ratna Sarkar, Asstt. Professor (Contractual), Department of Lifelong Learning and Extension, North Bengal University 	
6	Title of the Workshop/Training & Venue	Training Workshop on 'Role of Extension Education on Agricultural Development' in collaboration with Thakur Panchanan Barma University, Cooch Behar Venue: Thakur Panchanan Barma University, Cooch Behar
	Date & Duration	6 th & 7 th March 2018
	Target Audience/ Number of Participants	Faculty Members, Activists, Students and Educationists
	Number and Names of the Resource Persons	

<p>8. Dr. Debkumar Mukherjee, Vice-Chancellor, Thakur Panchanan Barma University</p> <p>9. Dr. Abdul Kader Safely, Registrar, Thakur Panchanan Barma University</p> <p>10. Dr. Sumit Ganguly, Chief Medical Officer of Health, Coochbehar</p> <p>11. Prof. Koushik Pradhan, Head, Department of Agriculture Extension, Uttar Banga Krishi Viswavidyalaya, Coochbehar</p> <p>12. Dr. Afzal Hossain, Principal, Sitalkuchi College, Coochbehar</p> <p>13. Dr. Hadida Yasmin, Assistant Professor, Department of Zoology, Thakur Panchanan Barma University</p> <p>14. Sri Manotosh Bose, Associate Professor, Department of Lifelong Learning and Extension, North Bengal University</p> <p>15. Ms. Manasree Dasgupta, Assistant Professor (Part-time), Department of Lifelong Learning and Extension, North Bengal University</p>
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Academic Activities related to training of Post-Graduate Students of the Department: 2017-18

Sl. No.	Topic of the Field Survey	Date of Survey	Venue
1.	Study on the Role of Credit Agencies including NABARD for the Development of Agriculture in Mekhliganj Block of Cooch Behar District	6.12.2017.	Kuchlibari Gram Panchayat (Mekhliganj Block of Cooch Behar district)
2	A Study on the Impact of Poverty Alleviation Programme at the Villages of Rajganj Block of Jalpaiguri District	09.12.2017	Gajoldoba (Rajganj Block of Jalpaiguri district)
3	Participatory Local Goernance and Rural Development: A Study in Teshimla Gram Panchayat of Malbazar Block of Jalpaiguri District	11.12.2017	Tesimla Gram Panchayat (Malbazar Block of Jalpaiguri district)
4	Study on Production and Marketing of Agricultural Produce at the Villages of Khoribari Block of Darjeeling District	13.12.2017	Khoribari Panishali Gram Panchayat (Khoribari Block of Darjeeling district)
5	A Study on the Awareness level and Participation in Rural Development Institutional Activities of the villagers	20.12.2017	Chathat-Bansgaon Gram Panchayat (Phasidewa Block of Darjeeling district)
6	A study on Participation of the Villagers in Rural Tourism	20.01.18	Paschim Lataguri of Lataguri Gram Panchayat (Mal Block of Jalpaiguri district)

11. Publication:

Name of the Author	Title of the Article	Name of the Book/ Journal/Volume	Year of Publication
Mahbub Ul Alam	“Education for Achieving Sustainable Development Goals: A Look into the Causes and Consequences of Educational Backwardness among the Muslims in North Bengal”.	R.J. Solomon, Sunita Ranjan, Shreeletha Solomon and A. Rajmani Singh (eds) <i>Life Skills for Achieving Sustainable Development Goals 2030</i> ,	New Delhi: Excel India Publishers, 2017

Name of the Author	Title of the Article	Name of the Book/ Journal/Volume	Year of Publication
Dr. Ratna Sarkar	A Study on the Occupational Aspirations of Unemployed Rural Youth of Dakshin Khagrabari and Harinmara Villages with respect to their Exposure with Urban Area	International Journal of Humanities and Social Science Invention	2018

12. **Research Projects (Major & Minor):** Nil

13. **Visiting Fellow:** None

Name of the Visiting Fellow	Duration

14. **Any other information: Awards Received:** None.

DEPARTMENT OF MANAGEMENT

1. **Name of the Department** : Department of Management
2. **Date of Establishment** : April, 2003
3. **Introduction of the Department** :

The University is conducting a full time Master of Business Administration (MBA) Programme (approved by AICTE and recognized by UGC) under Department of Management in order to provide quality management education and other services of global standard in a high quality ambience. The Institution aspires to achieve excellence in every sphere of its activity including curricular works, research, professional outlook, consultancy, student support, & outreach programme. The Department of Management, University of North Bengal 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 Businessworld, Business Today, and Competition Success Review.** The department has also been rated as a B1 category B-School based on the AIMA-IMRB National B-School survey 2010. Last year the students bagged 9th Position in the “Earthian Annual Awards 2012” conducted by WIPRO. The students of the department have recently entered the semi finals in Asia’s B-Plan competition organized by IIT Bombay.

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.

4. **Name of the faculty** :

Professor	Associate Professor	Sr. Assistant Professor/ Assistant
Prof. Rathin Bandyopadhyay (Head)		Mr. Sanmoy Mallick Dr. Deepak Subba Ms. Nandita Pradhan (C) Dr. Subrata Ray (C) Mr. Dipanjan Moitra (C) Mrs. Piyali Chandra Khan(c)

5. **Name of the Research Scholars:** Nil

6. **Name of the Project Scholars:** Nil

7. **Name of the Non-Teaching Staff** :

Name	Designation
Mr. Somnath Ghosh	Office Assistant (Contractual)
Mr. Dipak Chettri	Group-D (Casual)

8. **Students Strength:**

Semester	General		SC		ST		OBC - B		Total
	Male	Female	Male	Female	Male	Female	Male	Female	
1 st Sem	18	11	2	2	0	0	0	3	36
2 nd Sem	10	20	1	4	1	1	3	1	41
3 rd Sem	9	20	1	4	1	1	3	1	40
4 th Sem	8	20	1	4	1	1	3	1	39

Part I

Part II

9. Seminar/Conferences attended (Outside the Country & Within the Country):

Name of the Teacher	Name of the Seminars / Conference	Venue & Date
Prof. Rathin Bandyopadhyay (Head)	International Conference On Recent Innovation in Management, Accounting, Business and Entrepreneurship	22 nd to 24 th November 2017, University of North Bengal
Mr. Sanmoy Mallick	70th All India Commerce Conference of Indian Commerce Association	22 nd to 24 th November 2017, University of North Bengal
	International Conference on Recent Innovation in Management, Accounting, Business and Entrepreneurship	22 nd to 24 th November 2017, University of North Bengal
Dr. Deepak Subba	International Conference On Recent Innovation in Management, Accounting, Business and Entrepreneurship	22 nd to 24 th November 2017, University of North Bengal
Ms. Nandita Pradhan (C)	International Conference On Recent Innovation in Management, Accounting, Business and Entrepreneurship	22 nd to 24 th November 2017, University of North Bengal
Dr. Subrata Ray (C)	International Conference On Recent Innovation in Management, Accounting, Business and Entrepreneurship	22 nd to 24 th November 2017, University of North Bengal
Mr. Dipanjan Moitra (C)	International Conference On Recent Innovation in Management, Accounting, Business and Entrepreneurship	22 nd to 24 th November 2017, University of North Bengal
Mrs. Piyali Chandra Khan (C)	70th All India Commerce Conference of Indian Commerce Association	12th to 14th October 2017, The IIS University, Jaipur
	International Conference on Recent Innovation in Management, Accounting, Business and Entrepreneurship	22 nd to 24 th November 2017, University of North Bengal

10. Organized Seminar / Conferences:

Name of the Seminar/Conference/Workshop	Date of the Seminar / Conference/Worshop	Venue
International Conference On Recent Innovation in Management, Accounting, Business and Entrepreneurship	22 nd to 24 th November 2017	Conference Hall, University of North Bengal

11. Publication: Nil

12. Research Projects (Major& Minor):

Major Research Project		
Title of the Scheme Project	Sanctioned Authority	
Nil		
Minor Research Project		
Title of the Scheme Project	Sanctioned Authority	
Nil		

13. Visiting Fellow: Nil

14. Any other information – Awards Received: NIL

DEPARTMENT OF MASS COMMUNICATION

1. **Name of the Department:** Department of Mass Communication

2. **Date of Establishment:** 17th August 2009

3. **Introduction of the Department:**

Within one year of the establishment, this Department has already made itself equipped with a PD professional camera, a SLR digital camera, few editing software and so on. The Department has been conducting regular practical classes on cinematography and video editing. The students are being taken to visit AIR at Kurseong, Doordarshan Kendra at Fulbari, Jalpaiguri and RED FM at Siliguri. The construction of the vertical extension of the building has been completed, and the department has accommodated class room and for lab purposes. Students are making short films/ documentaries, preparing advertisements, house journals to mention a few. PR Campaigns have been incorporated in the students to provide more vivid practical knowledge. Practical classes are given equal importance to the theory classes. Students' Film Festival BIOSCOPE 2017 was organized. A field visit was conducted to different media and academic organization of Bhutan. 4 different PR campaigns were conducted to provide the students the knowledge of organizing events.

4. **Name of the Faculty:**

- Subhrajyoti Kundu, Assistant Professor
- Deepika Thapa, Assistant Professor(Contractual)

5. **Name of the Research Scholars:** NIL

6. **Name of the Project Scholars:** NIL

7. **Name of the Non_Teaching Staff:**

- Dipak Dey, Peon (Casual)

8. Student strength:	Male	Female	Total
Part I: 1 st Sem.	10	14	24
2 nd Sem.	05	14	19
PartII: 3 rd Sem.	09	09	18
4 th Sem.	09	09	18

9. **Seminar/Conference attended** (Outside the country & Within the country): NIL

10. **Organized Seminar/ Conference:** NIL

11. **Publication:** NIL

12. **Research Projects** (Major & Minor): NIL

13. **Visiting Fellow:** NIL

14. **Any other information:** Students' Film Festival BIOSCOPE 2017 was organized. 4 PR campaigns were conducted which got huge media coverage.

DEPARTMENT OF NEPALI

1. **Name of the Department** :NEPALI

2. **Date of Establishment** :1977

3. **Introduction of the Department** :

Nepali department was established as a full-fledged department in 1977, under North Bengal University. And it set to work on Post –Graduate Programme in 1978, 16 January at the top floor of the Arts, Commerce and Law faculty building, comprising two class rooms, one HoD room, one small office room and other one room to be accommodated teachers as a staff room. So, it is proud to say the such department to be established in the whole regions of he country, with a view to fulfill the aspiration of the cherished people of District Darjeeling, Dooars, Jalpaiguri and its adjoining neighbour state Sikkim, and North Eastern states. Basically it copes with the subject of Nepali Language and literature. After completion of twenty-four (1977-2001) years this Department shifted to its new building in 2001.

Apart from this there is an Academy attached to the Department, funded by state government. Academy was established in order 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. Prior attached to the Department in 1978, it was established in Darjeeling Hill, located at Ladenla Road in 1970-72. It publishes a journal that calls Nepali Academy Journal. The Department has Tri-Lingual Dictionary Project (Nepali, Hindi-Bengali) funded by the university. The First volume of the Dictionary is already published and remaining other volume II & III is at the concluding stage of editing for printing. Moreover, the department made up a reference library since 2001, and is being on. Computer with Internet facility introduce in the department for the development careers of the students for M.A. M.Phil and Ph.D. In post-Graduate programme the teaching method are being in practice on lecturer, Seminars, Tutorials, Group Discussion and reviews and dissertation (term paper). Teachers of the Department are energetically involved in taking account assignments, correcting and give suggestion to the students, counseling them personally and academically as needed by the students.

This department has carried out under DIT funded major project for development of Nepali language on digital medium since 2008-2011. Besides this another project on Shallow Parser Tools for Indian Languages (SPT-IL) Project is awaited

In summing up, it is proud to state that Nepali department covers its 35 (thirty five years) (1977-2012) of post graduate programme including M.Phil and Ph.D. Courses. During this period the department has sincerely and honestly contributed its service to the University and would go forward with same devotion and dedication.

Full-fledged Department for Nepali Language& Literature

4. **Name of the Faculty:**

Professor	Associate Professor	Assistant Professor
Prof. Ghanashyam Nepal Prof. Mohan Prasad Dahal Prof. Sanjay Rai	Dr. Krishnaraj Ghatani	Dr. Pushkar Parajuli Dr. Dup Tshering Lepcha Smt. Krishna Maya Manger

5. **Name of the Research Scholars :**

1. Bikram Biswakarma (R.G.N.F)
2. Nita Pradhan (M.A.N.F)
3. Nabina Thapa (M.A.N.F)
4. Adarsh Sundas (R.G.N.F)
5. Dipesh Lama (UGC- NET- JRF)
6. Boby Lama (N.F.H.E)

7. Sara Tamang (UGC-NET- JRF)
8. Nilu Gahatraj (UGC-NET-JRF)
9. Narayan Sharma (N.B.U- JRF)
10. Renu Subba (UGC-NET-JRF)

6. **Name of the Project Scholars** : Nil

7. **Name of the Non-Teaching Staff :**

Name	Designation
1. Gyan Prasad Chhetri	Technical Assistant (G-1)
2. Jamuni Sharma	Record Supplier
3. Rina Subba	Office Assistant (Casual)

8. **Students Strength**

Male:	21
Female:	23
Total:	49

9. **Seminar/Conference attended (Outside the Country & Within the Country):**

Name of the Teacher	Name of the Seminars/ Conference	Venue & Date	Title of the Paper Presented
Prof. Mohan Prasad Dahal	“Development of Nepali Literature in North East India”	Buddha Bhanu Saraswati College Shillong (Meghalaya) 17 th November 2018.	Key Note Address
	“Contemporary trends of Indian Nepali Literature”	Marwari Dharmasala Tejpur (Assam) 14.04.2018.	Presided
	“Shivakumar Rai and his versatile Legacy” (National interdisciplinary Seminar)	Darjeeling Govt. College. 2018.	Presided
Prof. Sanjay Rai	Development of Nepali Language and Literature in North-East.	Shilong, Meghalaya 17.11.2018.	उत्तर-पूर्वभारतमा नेपालीभाषारसाहित्यकोस्थिति
Dr. Krishnaraj Ghatani	VARSHA VARAN Org.by W.B. Kavita Academy Sanskriti Vibhag. Govt. of W.B. (State Level)	Rabindra -Bhanu, Munch, University of North Bengal. (24 th April' 2017)	Aafailai Jari Nisedhagya' (poetry recitation cum- interaction)
	RASTRIYA WANGMAY SANGOSTHI org. by Nepal Pragya Pratisthan. (International)	Nepal Pragya Pratisthan Kamaladi, Kathmandu Nepal, 20,21 & 22 May 2017.	SAMAKALIN BHARATIYA NEPALI SAHITYAMA PADHYA SAHITYAKO AWASTHA
	NEPALI LOK SAHITYA org. by Sahitya Akademi New Delhi (National)	Sikkim University, Gangtok, 13-14 November, 2018.	LOK SAHITYA ANI LOK TATWA
Dr. Krishnaraj Ghatani	BHARATIYA NEPALI SAHITYAMA SHAHARIKARANKO PRABHAV	11 June 2017, Shilong, Meghalaya.	Session- Chaired 1

Dr. Pushkar Parajuli	Resource Person in a Workshop on Nepali Lekhan Shaili. Keynote Address, National Seminar on Nepali Lok Sahitya. Special Lecture on Nepali Lekhan Ra Bhasik Ekroopta.	Sikkim Govt. College, Tadong, March 5-7 2018. Sikkim University November 13-14, 2018. P.M.S. Mahavidyalaya Malbazar, August 5, 2018	Resource Person Keynote Address Special Lecture
Dr. Dup Tshering Lepcha	Nepali Loksahitya Antarashtriya Sangoshthi (International Seminar) Nepali Folk Literature) Awareness Programme on Education in Archeology and History.	Tribhuvan University, Pnthvi Narayan Campus 17-18 th March, 2018. Town Hall Kalimpong District- Kalimpong W.B. 30/11/2018	‘Sikkimma Nepali Lok Sahityako Stithi Ra Adhyayan Parampara’. ‘Folk Life of Kalimpong’
Smt. Krishna Maya Manger	23 rd Himalayan Languages Symposium 38 th International Annual Conference of Linguistic Society of Nepal	Tezpur University, Assam, 5 th to 7 th July, 2017. Tribhuvan University, Kathmandu, Nepal, 26-27 th November 2018.	Numeral Classifiers in Nepali Building A Verb Frame Lexicon for Nepali

10. Organized Seminar/Conference: Nil

11. Publication:

Name of the Editor	Name of the Book/Journal/Volume	Year of Publication
Prof. Ghanashyam Nepal	Abhijnan (Nepali Journal) Vol.7 No.8-9	2018
Prof. Mohan Prasad Dahal	<i>Nepali Academy Journal</i> , Vol.14 No.14 <i>Nepali Academy Journal</i> , Vol.14 No.15	June-2018. December- 2018
Name of the Author	<i>Nepali Academy Journal</i> University of North Bengal, Vol. 14 No.15 2018.	2018
Prof. Sanjay Rai	Abhijnan, University of North Bengal. Vol. 7 No. 8-9	2018
Name of Edited	‘Abhijnan’ Journal, Deptt. of Nepali, NBU	2017
Dr. Pushkar Parajuli		
Name of the Author	<i>Ambiguous Nepali Verbs: An Analysis</i> , Proceedings of 11th Student’s Conference of Linguistics in India , Department of Linguistics, Jadavpur University, Kolkata	2017
Smt. Krishna Maya Manger	<i>Morphological Divergence in Hindi-Nepali Language Pair</i> , Proceedings of 7th National Conference on Indian Language Computing , Cochin University of Science and Technology, Kerala	2017

	<i>Rajnarayan Pradhanko nibhandhakaarita</i> , Academy Journal , Department of Nepali, University of North Bengal, Siliguri	2017
	<i>Nepali Kotikaar</i> , Abhijnan , Vol. 8-9:7, Department of Nepali, University of North Bengal, Siliguri	2018
	<i>Magar Language in Sikkim: A Case Study on its Endangerment</i> , Himalayan research Journal , Vol. 2:4, Eastern Himalayan Green Initiative & Conservation Trust, Kalimpong	2018

12. Research Projects (Major & Minor) :

Major Research Project		
Title of the Scheme Project	Sanctioned Authority	
Tri-Lingual Dictionary Project	University Grant Commission New Delhi.	Department of Nepali, University of North Bengal. Sri. Gyan Prasad Chhetri (Technical Assistant) engaged.
Minor Research Project		
Title of the Scheme Project	Sanctioned Authority	Year
Not Applicable	Not Applicable	Not Applicable

13. Visiting Fellow : Nil

Name of the Visiting Fellow	Duration	
Not Applicable	Not Applicable	Not Applicable

15. **Any other information:** Beside the Departmental 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, WBCSSC & etc.

DEPARTMENT OF PHILOSOPHY

1. **Name:** *Philosophy*
2. **Date of Establishment:** 1968
3. **Introduction of the department:**

Department of Philosophy, North Bengal University is one of the very accomplished centers of learning and research in Philosophy in India. We pride ourselves in being a department where equal emphasis is placed on quality research as well as on development and training of students through extensive teacher-student interaction.

The Department of Philosophy, University of North Bengal has been awarded Special Assistance DRS I (2002 - 2009), DRS-II (2009-2014) and DRS-III (from 2015 onwards) by the UGC to carry on research on '*The Problem of Meaning in Classical Indian Philosophy and Contemporary Western Philosophy*' including translation of Sanskrit texts into regional language. Centre for Buddhist Studies is also housed in the department.

Courses Taught: MA, M Phil, PhD

Research Profile:

Research Interests:

1. Indian Philosophy - both classical and contemporary
2. Philosophy of Language with special reference to theories of meaning -Indian and Western
3. Ethics - traditional and applied
4. Western Philosophy (Analytic and Continental)

Thrust area under SAP is 'Theories of meaning'; Faculty members have undertaken research project on the thrust area i.e., the problem of meaning independently and collectively. Some of the papers written by the departmental colleagues as well as others invited from stalwarts from other Universities have been published.

Journal (if any)

Name of the Journal: *Philosophical Papers, Journal of the Department of Philosophy* (ISSN 0976 – 4496)

Editors: Head, Editor-in-Chief

Co editor: Dr. Laxmikanta Padhi (from 2007 onwards)

4. Name of the Faculty:

<u>Professor</u>	<u>Associate Professor</u>	<u>Assistant Professor</u>
Prof. Debika Saha	Dr. Koushik Joardar	Dr. Ngaleknao Ramthing
Prof. Kantilal Das	Dr. Nirmal Kr. Roy	Smt. Swagata Ghosh
Prof. Jyotish Ch. Basak	Dr. Anirban Mukherjee	Smt. Anureema Bhattacharyya
	Dr. Laxmikanta Padhi	

5. Name of the Research Scholars:

1. Pamchulia Bhutia
2. Egam Khaling
3. Soumitra Chakroborty
4. Kabita Roy
5. Soma Sarkar
6. Rituparna Paul
7. Hasen Ali Ahmed
8. Gouranga Biswas
9. Pinky Das
10. Jadav Roy
11. Swati Bhattacharyya
12. Joly Roy

13. Nabanita Bhowal
14. Mrinal kanti Basak
15. Ripitika Das
16. Rakhi Debnath
17. Jayeeta Majumdar
18. Gambhir Dhoj Subba
19. Priyanka Basak
20. Priyanka Hazra
21. Sharbani Roy
22. Sashi Mohan Das
23. Debanjali Mukherjee
24. Sondipa Ghosh
25. Somesh Roy
26. Suman Das
27. Bishnupriya Saha
28. Sushobhan Debbarman
29. Samir Barman
30. Sanjay Bora
31. Anup Kumar Das
32. Rupon Nag
33. Anup Deka
34. Shyamal Das
35. Buddhiswar Haldar
36. Abir Kumar Das
37. Sanghamitra Barman
38. Ranjit Kr. Barman
39. Harekrishna Barman

6. Name of the Project Scholars: -

7. Name of the Non-Teaching Staff:

<u>Name</u>	<u>Designation</u>
Smt. Priyanka Roy	Jr. Asstt. Cum Typist
Sri Balaram Kundu	Record Supplier

8. Students Strength:

<u>Students</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
Part- I 1st Sem	30	36	66
2nd Sem	33	31	64
Part-II 3rd Sem	30	34	64
4th Sem	33	31	64

9. Seminar/Conferences attended (Outside the Country & Within the Country)

<u>Name of the Teacher</u>	<u>Name of the Seminars/conference</u>	<u>Venue & Date</u>	<u>Title of the Paper presented</u>
Prof. Kantilal Das	1.3 day International Conference of Indian Society for Indic Studies (InSIS) 2018 on Applied Ancient Wisdom for Transformation Leadership	20-22 February, 2018	“ Kantian Wisdom of Perpetual Peace towards developing Transformation Leadership”
	2. Delivered Two Periodical special lectures	19th April, 2017, Department of Philosophy, Kalyani University, Kalyani, West Bengal	Set Theory
	3. Delivered two lectures in the	Bengal	

	<p>6th RC in Philosophy</p> <p>4.. Delivered One Lecture on in the 7th RC.</p> <p>5. Delivered One Special Lecture on in the 32nd OC</p> <p>6. Delivered Six Special Lectures as Resource Person</p> <p>7. Delivered Periodical lecture</p> <p>8. Delivered one Special Lecture as Resource Person</p> <p>9. Delivered two lectures, in 33th Orientation Programme</p> <p>10. Delivered 4 special lectures as Vising Fellow</p> <p>11. Delivered Four Special Lectures as Resource Person in ICPR Workshop</p> <p>12. ICPR sponsored National Seminar on Philosophy of Bipin Chandra Pal</p>	<p>HRDC, Golapbag, Burdwan University on 22nd August, 2017.</p> <p>Library Science at the HRDC, UGC-NBU on 21st November, 2017.</p> <p>HRDC, UGC-NBU on 27th November, 2017.</p> <p>ICPR Workshop in ICPR Lucknow from January 20th – 21st, 2018</p> <p>Department of Philosophy, Maynaguri College, under the auspices of Indian Council of Philosophical Research (ICPR), 12th February 2018</p> <p>UGC HRDC NBU (Hon.) on 08/02/2018.</p> <p>8th March, 2018 in UGC HRDC, NBU.</p> <p>Department of Philosophy, Calcutta University on 12th and 13th March, 2018.</p> <p>Lucknow from March 21st - 22nd, 2018</p> <p>Department of Philosophy, University of North Bengal, from 7th to 8th February, 2018</p>	<p>Professional Ethics</p> <p>Relations, Humanism and Value</p> <p>‘Kantian Perpetual Peace: A Philosophical Sketch’</p> <p>“Logic and Language”</p> <p>The Moral Status of Women</p> <p>Religion and Science and Relation, Humanity and the Value of Life</p> <p>Wittgenstein’s Religious Language and Religious Experience</p> <p>‘Carnap’s Meaning and Necessity’</p>
<p>Prof. Debika Saha</p>	<p>1. 29th International Association of Greek Philosophy</p> <p>92nd Indian Philosophical Congress</p> <p>Asian Philosophy Conference</p>	<p>Rhodes Greece 7/7/2017 to 11/7/2017.</p> <p>Holistic Science Research Centre, Surat, Gujrat 5th to 7th January, 2018</p> <p>3rd to 4th January 2018, Surat</p>	<p>Reweaving Plato's Moral Philosophy in Global Times.</p> <p>Exploring the Future of Human Species</p> <p>Jain Way of Living a Sustainable Life</p>

Dr. Koushik Joardar	<ol style="list-style-type: none"> 1. RC on Women and Development 2. ICPR sponsored National Seminar on Philosophy of Bipin Chandra Pal 	<p>20.02.2018, HRDC, NBU</p> <p>Department of Philosophy, University of North Bengal, from 7th to 8th February, 2018</p>	Freedom and Development of Women
Prof. Jyotish Ch. Basak	<ol style="list-style-type: none"> 1.ICPR sponsored National Seminar on Philosophy of Bipin Chandra Pal 2.ICPR-Sponsored World Philosophy Day on ‘Theories of Truth and Knowledge’ 3. One-day Seminar on <i>Engaging with Philosophy</i> 	<p>Department of Philosophy, University of North Bengal, from 7th to 8th February, 2018</p> <p>Department of Philosophy, University of North Bengal on November 16, 2017.</p> <p>Department of Philosophy, University of North Bengal on February 22, 2018 on the occasion of 50 years of the Department of Philosophy, University of North Bengal.</p>	
Dr. Anirban Mukherjee	<ol style="list-style-type: none"> 1.ICPR sponsored National Seminar on Philosophy of Bipin Chandra Pal 2.ICPR-Sponsored World Philosophy Day on ‘Theories of Truth and Knowledge’ 3. One-day Seminar on <i>Engaging with Philosophy</i> 4. UGC SAP DRS III sponsored National Seminar on ‘The Role of Language In Logic: Traditional Issues and Contemporary Developments’ 5. International Conference entitled ‘Philosophy in the Desert’ on ‘Comparative Philosophy at the Crossroad’ 	<p>Department of Philosophy, University of North Bengal, from 7th to 8th February, 2018</p> <p>Department of Philosophy, University of North Bengal on November 16, 2017.</p> <p>Department of Philosophy, University of North Bengal on February 22, 2018 on the occasion of 50 years of the Department of Philosophy, University of North Bengal.</p> <p>Department of Philosophy, North Bengal University from 8-9 March 2018</p> <p>American University in Dubai from 7-8 April, 2017</p>	<p>‘I Get Your Logic’</p> <p>‘The Absolute Necessity and Abject Impossibility of Comparative Philosophy’</p>
Dr. Nirmal Kumar Roy	<ol style="list-style-type: none"> 1.The Relevance of Philosophy and Ideology of Swami Vivekananda in the Present Era 2.Chaired a session on National seminar on Philosophy of Bipin Chandra Pal 3.Chaired a session on national seminar on gender Equality, 	<p>20th march, 2018, ICPR, Dept. of Philosophy, Mathabhanga College</p> <p>8th – 9th February, 2018</p> <p>Dept of Philosophy and Dept. of Political Science , Sukanta</p>	

	Women Empowerment and State	Mahavidyalaya on 28.3.2018	
Dr. Laxmikanta Padhi	<p>1.Does Religion Give Meaning to Life in the Associate’s seminar</p> <p>2. Papi Ghosh Memorial lecture “on Ecofeminists’ Thought in the 92nd Session of Indian Philosophical Congress</p> <p>3.ICPR sponsored National Seminar on Philosophy of Bipin Chandra Pal</p> <p>4.UGC sponsored National Seminar on “Peace, Conflict and Development in the Himalayas: Process, Issues and Initiatives”</p> <p>5.National Seminar on <i>Eco-regional Issues & Human Development Concerns in Eastern and North-Eastern India.</i></p> <p>6. National seminar on the Mind, Reality and Society: Philosophical Reflections.</p>	<p>IIAS, Shimla on 19th June, 2017.</p> <p>Holistic Science Research Centre, Surat, Gujarat from 5th to 7th January, 2018</p> <p>Department of Philosophy, University of North Bengal, from 7th to 8th February, 2018.</p> <p>Centre for Himalayan Studies, North Bengal University from 15th to 16th February, 2018.</p> <p>UGC SAP DRS- III in Economics, University of North Bengal, from 14th to 15th March, 2018.</p> <p>Department of Philosophy, UGC Advance Studies Centre, Jadavpur University on 23rd & 24th March, 2018</p>	<p>Bipinchandra’s Thought on Hinduism, Tradition and Modernity</p> <p>Religious Conflicts and Philosophy of Religion</p> <p>Environmental Ethics and Sustainable Development</p> <p>Religion and Meaning to Life: Some Observation</p>
Dr. Ngaleknao Ramthing	<p>1.ICPR sponsored National Seminar on Philosophy of Bipin Chandra Pal</p> <p>2.ICPR-Sponsored World Philosophy Day on ‘Theories of Truth and Knowledge’</p> <p>3. One-day Seminar on Engaging with Philosophy</p>	<p>Department of Philosophy, University of North Bengal, from 7th to 8th February, 2018</p> <p>Department of Philosophy, University of North Bengal on November 16, 2017.</p> <p>Department of Philosophy, University of North Bengal on February 22, 2018 on the occasion of 50 years of the Department of Philosophy, University of North Bengal.</p>	
Smt. Swagata Ghosh	<p>1.ICPR sponsored National Seminar on Philosophy of Bipin Chandra Pal</p> <p>2.ICPR-Sponsored World Philosophy Day on ‘Theories of Truth and Knowledge’ organised by</p> <p>3.One-day Seminar on</p>	<p>Department of Philosophy, University of North Bengal, from 7th to 8th February, 2018</p> <p>Department of Philosophy, University of North Bengal on November 16, 2017.</p> <p>Department of Philosophy, University of North Bengal</p>	

	<i>Engaging with Philosophy</i>	on February 22, 2018 on the occasion of 50 years of the Department of Philosophy, University of North Bengal.	
	4. Delivered invited lecture on 'Problems of Living and Communication: Psycho-Philosophical Perspectives'	Department of Philosophy, Seth Anandaram Jaipuria College, Kolkata on December 1, 2017.	
	5. Delivered invited lecture on 'Mānavatāvādī cintāy Rabindranath o Vivekananda'	Department of Bengali and Department of Education, New Alipore College, Kolkata on February 2, 2018.	
Smt. Anureema Bhattacharyya	1. ICPR sponsored National Seminar on Philosophy of Bipin Chandra Pal	Department of Philosophy, University of North Bengal, from 7 th to 8 th February, 2018	
	2. ICPR-Sponsored World Philosophy Day on 'Theories of Truth and Knowledge'	Department of Philosophy, University of North Bengal on November 16, 2017.	
	3. One-day Seminar on <i>Engaging with Philosophy</i>	Department of Philosophy, University of North Bengal on February 22, 2018 on the occasion of 50 years of the Department of Philosophy, University of North Bengal.	

10. Organized Seminar/Conferences:

Name of the Seminar/Conference	Date of the Seminar/Conference
Prof. Jyotish Ch. Basak World Philosophy day on Concept of Equality organized by ICPR and NBU	20 th November, 2018
Dr. Anirban Mukherjee One-day Seminar on <i>Engaging with Philosophy</i> Department of Philosophy, University of North Bengal on the occasion of 50 years of the Department of Philosophy, University of North Bengal.	February 22, 2018
UGC SAP DRS III sponsored National Seminar on 'The Role of Language In Logic: Traditional Issues and Contemporary Developments' held at the Department of Philosophy, North Bengal University	8-9 March 2018

11. Publication:

Name of the author	Name of the Book/Journal/Volume	Year of Publication
Prof. Kantilal Das	1. Entitled <i>Language and Communication</i> under Special Assistant Program (SAP) of UGC, Levant Books, Kolkata	2018
Dr. Anirban Mukherjee	1. 'Aspect Perception as a case of Interpretation' in <i>Philosophical Papers (Journal of the Dept. of Philosophy, North Bengal University)</i> , Vol. XIII, 2017, pp. 99-107	2017
Dr. Koushik Joardar	1. Transcendental Philosophy of Krishnachandra, Analecta Husserliana 2. Shilpo o Shilpir Mon, Nandimukh	2017 2018
Dr. Laxmikanta Padhi	1. Speech, Thought, Skills, and Some Proofs of Reason in Animals: A Greek Philosophical Perspective in <i>Language</i>	2018.

	<i>and Communication</i> (edit.) Kanti Lal Das, Northern Book Centre, New Delhi. (NBU studies in Philosophy)	
Smt. Swagata Ghosh	1. 'Moral Communication in Pūrva-Mīmāṃsā Darśana: A Prescription for Right Living', <i>Language and Communication: East-West Comparative Study</i> , NBU Studies in Philosophy: 28 (UGC SAP DRS-II), Department of Philosophy, University of North Bengal and Levant Books, Kolkata, 2017, pp. 326-337 [ISBN:-978-93-84106-57-7]	2017
	2. 'Cognition and Consciousness: An Analysis of the Nature and Possibility of Knowledge in Sāṃkhya Philosophy', <i>Philosophical Papers</i> , Vol. XIII, Department of Philosophy, University of North Bengal, 2017, pp.xx [ISSN:-0976 4496] (In Press)	2017
Dr. Mayank Bora	1. <i>Journal of Indian Council of Philosophical Research</i> , 35.1	2018
Dr. Nirmal Kumar Roy	1. Value Education as Means to resolve Social Crisis, Philosophical paper, <i>Journal of the Dept. of Philosophy</i> , Vol no. XIII	2017
	2. <i>Philosophical Papers Journal of the Dept. of the Dept. of Philosophy</i> , NBU Vol- XIII	2017

12. Research Projects (Major & Minor):

Major / Minor Research Project		
Title of the Scheme Project	Sanctioned Authority	
Prof. Kantilal Das (PI) 1. "Wittgenstein on Religious Inexpressibility, Continuity and Change", North Bengal University, 2017-2018. 2. "Wittgenstein on Religious language and Religious Experience", (Tenure Two Years, 2016-2018 under ICPR), Rs. 2 lakh.	North Bengal University ICPR	
Dr. Anirban Mukherjee (PI) 'Kalidas Bhattacharyya and his Alternating Reals' (Project cost: Rs.50,000)	North Bengal University supported UGC project 2017-2018	

13. Visiting Fellow:

Sl No.	Name of the Visiting Fellow & Designation	Period of lectures	Topic
01	Prof. Kuntala Bhattacharyya, Dept. Of Philosophy, Rabindra Bharati University, Kolkata	24.05.2017	(i) A Brief Survey of the Prabhakara theory of error
02	Prof. D. N. Tiwari, Dept. of Philosophy, Banaras Hindu University, Banaras	28.08.2017 - 31.08.2017	(i) Bhatrhari's Theory of Meaning
03	Prof. Gopal Chandra Khan, Retd. Professor, Dept. of Philosophy, Burdwan University, Burdwan, Kolkata	18.09.2017	(i) Two Philosophers:- Radhakrishnan and Socrates
04	Dr. Shakuntala Bora, Dept. of Philosophy, Gauhati University, Gauhati, Assam	09.11.2017	(i) Dharma : Ethics of the Gita
05	Prof. Amita Dutta, Ratna Bhusan Awarded, Uday Shankar Professor of Dance, Former Dean, Faculty Council of Fine Arts, Rabindra Bharati University, Kolkata	17.11.2017	(i) Rasa in Theory and Practice
06	Prof. Majulika Ghosh, Emeritus Professor, Dept. of Philosophy, University of North Bengal	21.11.2017	(i) Philosophy and Its Methods

07	Prof. Sebasatian Velassery, UGC National Emeritus, Dept. of Philosophy, Punjab University, Punjab	23.11.17 27.11.2017	–	(i) Philosophy of the Upanishad: A Philosophical Re interpretation (ii) Concept of Body: Martin Heidegger (iii) Body - Subject in Merleau Ponty
08	Prof. U. Vinay Kumar, Former Professor, Dept. of Philosophy, Goa University	27.11.2017 29.11.2017	–	(i) Methodological Issues in Indian Philosophy (ii) Adhyasa: An Analysis (iii) Purusarthas
09	Prof. Tapan Chakroborty, Former Professor, Dept. of Philosophy, Jadavpur University, Kolkata	05.12.2017 08.12.2017	–	(i) Is sense object contact essential for perceptual knowledge? (ii) Determination of principles and their philosophical implications in Samkhya Philosophy (iii) An evaluation of non-dual principle of Samkhya Philosophy. (iv) The Creation of the World: An evaluation from perspective of Samkhya
10	Prof. Lopamudra Chowdhury, Dept. of Philosophy, Jadavpur University, Kolkata	22.12.2017		(i) Reasoning with Diagrams
11	Prof. G.P.Das, Former Professor, Utkal University, Orissa	05.03.2018 07.03.2018	–	(i)Eternal Ideas of the Gita for Peace and Progress in the Changing World. (ii) Critical Survey of Epistemology Part – I (iii) Critical Survey of Epistemology Part – II
12	Prof. Mihir Chakroborty, Former Professor, Dept. of Pure Mathematics, Calcutta University, Kolkata.	07.03.2018		(i) Logic and Formal Language: Some Consideration
13	Prof. P.R. Bhat, Dept. Of Humanities and Social Science, IIT Bombay, Mumbai	10.03.2018		(i) Theories of Meaning
14	Prof. Sivanandan Paneer Selvam, Former Professor, Dept. of Philosophy, Madras University, Chennai	19.03.2018 20.03.2018	–	(i) Some aspects on the Problem of Meaning (ii) Problem of Language (iii) Theory of Meaning

DEPARTMENT OF POLITICAL SCIENCE

The Department of Political Science is one of the leading Departments in the University. It was established in the year of 1962. It offers Post Graduate teaching. 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 PhD Course Work. The students are assessed also 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 is National Fellows working under the supervision of faculty. Apart from these, there are two posts of JRF where the NET/SLET qualified students work for their PhD Degree. The Department has research programme under SAP DRS III. Professor M. Chakraborty has joined the Department as UGC Emeritus Fellow this year.

Faculty

Professor	Associate Professor	Assistant Professor
Dr. Soumitra De	Dr. Maya Ghosh	Dr. Ramesh Dural
Dr. Arun Kanti Jana	Prof. Dyutis Chakraborty	
Dr. Ranjita Chakrabarty		

Name of the Research Scholars :

Shanta Kerketta, Amrita Roy Sarkar, Biki Biswakarma, Chimme Tamang, Purnima Roy, Mithun Das, Archana Mandal, Dipen Roy, Laila Subba, Natasha Lama, Kamal Roy

Name of the Project Scholars : Nil

Name of the Non-Teaching Staff :

- 1) Ramprosad Bhattacharjee
- 2) Amiri Mandal (Casual)

Enrolment of Students :

	SC	ST	GEN	OBC	Total
	M-F	M-F	M-F	M-F	
Sem.-I	16-12	06-04	17-15	02-03	75
Sem.-II	16-12	06-04	17-15	02-03	75
Sem.-III	12-09	01-05	17-15	01-02	62
Sem.-IV	12-09	01-05	17-15	01-02	62

Seminar/Conferences attended (Outside the Country & Within the Country) :

Name of the Teacher	Name of the Seminars/Conference	Venue & Date	Title of the paper presented
Dr. Arun Kanti Jana	Challenges to Indian Polity: Concepts and Issues, National Seminars	Department of Political Science, University of Gour Banga, Malda, West Bengal, July 20 & 21, 2017	The Marginalized in the Era of Economic Reforms : The State and the Tribal's the New Indian Polity and Society
Dr. Ramesh Dural	International Seminar	Department of Political Science, University of North Bengal, 7 th March, 2017	Interrogating Indo-Nepal Treaty of 1950: A study in the context of Indo-Nepal relations and the Identity Movements in Darjeeling Hills of West Bengal
	International Seminar	Department of Political Science, University of North Bengal, 8 th March, 2017	Social Movements and Identity Issues: A Study of the Identity Movements in Darjeeling Hills with reference to the Formation of Development Boards
	National Seminar	Department of Political Science, University of North Bengal, 8 th March, 2017	Development-Induced Displacement: An analysis of the

		Bengal, 9 th March, 2017	problems of the and response to Hydel Power Projects in India
	National Seminar	Department of Political Science, Sikkim University in collaboration with Nehru Memorial Museum and Library, New Delhi and Maulana Abul Kalam Azad Institute of Asian Studies, Kolkata, 22 nd & 23 rd September, 2017	Identity and Statehood: The Gorkhaland Struggle
	Two Days Workshop	Special Centre for Disaster Research, Jawaharlal Nehru University, New Delhi, 26 th & 27 th October, 2017	Disaster, Management and Mitigation: A study of Darjeeling Hills
Dr. Ranjita Chakraborty	India and her Neighbours: Challenges and Potentialities in UGC sponsored International Seminar	Department of Political Science, University of North Bengal, 7 th March, 2017	Climate Change and Regulatory Framework: Call for a Region Specific Framework in the Light of India and Her Neighbours Responses
	Social Movements in India: Recent Trends in UGC sponsored International Seminar	Department of Political Science, University of North Bengal, 8 th March, 2017	Minority Women's Movements in India: Interrogating the Muslim Mahila Andolan
	Civil Society Movements in North Bengal: Issues, Organizations and impact on political Process in UGC sponsored National Seminar	Department of Political Science, University of North Bengal, 9 th March, 2017	The Rise of a Movement: Anti-Dumping Movement in Siliguri

Activities of the Department during the Year 2017-2018

Seminars/Workshops organized by the Department:

1. Two Day National Seminar on "Contemporary Social Movements: Macro and Micro Dimension" held on 19 to 20th March 2018, SAP DRS-III, Department of Political Science.

Visiting Fellows:

Following visiting Fellows /Visiting Faculty were invited:

1. Prof. A. K. Mukhopadhyay, Burdwan University.
2. Prof. Biswanath Chakraborty, Rabindra Bharati University.
3. Prof. Rajkumar Kothari, Vidyasagar University.
4. Prof. Ashutosh Kumar, Punjab University.

Publications:

Dr. Ranjita Chakraborty :

1. Interrogating Citizenship in India : Art 35A and Art 370, Journal of Political Studies, Vol. 2.

Dr. Ramesh Dural :

1. People, PRIs and Rural Development: A Study in the context of the hills of Darjeeling in West Bengal, and Sikkim, Journal of Political Studies, Vol. 13, 2017, Department of Political Science, NBU

Any other information : (Spl. Lectures / Invited lectures)

Dr. Arun Kanti Jana :

1. Keynote address delivered in the 63th All India Adult Education Conference held at the University of North Bengal from November 27-29, 2018. Title of the Address Delivered : The State and Rural Development: The Issue of Poverty Alleviation and Literacy in Independent India.
2. Special Lecture Delivered at the Summer School organized by the Department of Political science on behalf of the Human Resource Development Centre (HRDC), University of Calcutta, Kolkata on the 19th and 20th of September, 2018.

Dr. Ranjita Chakraborty :

1. Seminar Coordinated, Organised an International Seminar on India and her Neighbours: Challenges and Potentialities, held on 7th March, 2017, Department of Political Science, University of North Bengal.

DEPARTMENT OF SOCIOLOGY

Name of the Department: Department of Sociology

Year of Establishment: 1976

Introduction: of the Department:

The present Department of Sociology was established as a combined Department of Sociology and Social Anthropology by the University of North Bengal in 1976. Professor Niren Ch. Choudhury, eminent anthropologist, was the first Professor and Head of the Department who provided the leadership in the formative years of the Department. Professor R.K. Bhadra and Dr. Namita Choudhury were associated with him since inception of this department and helped in the process of its development. The bifurcation between sociology and anthropology took place in 2001 and thus the Department of Sociology and Social Anthropology was renamed Department of Sociology and a separate Department of Anthropology was established under the Science Faculty. From its beginning the Department of Sociology has been training students for three courses: M.A., M. Phil. and Ph.D.

Seminar Organized: Department organized a SAP-DRS II sponsored National Seminar on 'Condition of Plantation Labour in North Bengal Tea Zone' on 29.08.2017.

Teacher's Activities

Prof. Saswati Biswas:

Publication:

1. **The Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights Act) 2006: Relevance for North East India.** In Karubaki Datta Ed. *Man and Forest in the Himalayas and Northeast India*. Delhi, B.R Publishing Corporation. 2017. ISBN 9789386223630

Papers Presented:

1. Presented a paper on, **S.C Dube and the Sociology of Development** in a National Seminar On Early Thinkers In Indian Sociology organized by the Department of Sociology, NBU under SAP, DRS 11 on 28th March 2017

Lectures Delivered

1. Gave a lecture on, **Women's Movements: The only Path in the Horizon, in** Refresher Course organized by the Department of Political Science, NBU on 31.1. 2018.

Supervision of Post-Doctoral Fellow

1. Dr, Mousume Datta submitted Post-Doctoral Dissertation on Rabha Women in February 2018

Prof. Sanjay K. Roy, Department of Sociology:

Journal edited

'*Social Trends*' the Annual Journal of the Department of Sociology, North Bengal University, Vol. 5, March 2018, ISSN: 2348-6538 (UGC Approved)

Associate Editor, Journal of the Indian Anthropological Society (international refereed journal published by Indian Anthropological Society, Kolkata, ISSN: 0019-4387 (UGC Approved).

Academic visits

Within the country

- 1) Visited the Dept. of Sociology, Sikkim University, on 9-14 August 2017 as a visiting faculty and delivered lectures in the MPhil-PhD programmes.
- 2) Visited Raiganj University on 22-29 November 2017 as a visiting faculty and delivered lectures in the PG programme in Sociology.

- 3) Visited the Dept. of Sociology, Raiganj University on 2-7 January 2018 as a visiting faculty and delivered lectures in the PG programme in Sociology,
- 4) Visited Dept. of Sociology, Raiganj University as visiting professor from 11 to 20 June 2018.

Academic visits (abroad)

- 1) *Visited Jahangirnagar University, Bangladesh, to participate in the 5th International Congress of Bengal Studies on 25-28 January 2018 and presented a paper on 'Childhood in East Pakistan and Later Life in India: A Journey through Discourses on Caste and Religion'*
- 2) *Visited the Department of Sociology, Chittagong University, on 28-30 January 2018 and delivered a lecture on 'the Scientific Status of Social Science Knowledge'.*

Articles Published

- (1) 'Discourse Formation and Praxis in Everyday Life', *Social Trends: The Journal of the Department of Sociology of North Bengal University*, March 2017, Vol. 4: 160-166 (ISSN: 2348-6538), (UGC Approved).
- (2) 'Changing Neighbourhood Relations in Bengal', *The Indian Journal of Anthropology*, Vol 5, No. 1, 2017: 25-46, ISSN 2320-3757 (UGC approved)
- (3) 'A Pluralist Nation and its Intimate Enemies', in Danda, Ajit K., K.K. Basa and D.G. Danda (eds) *Multiculturalism, Centrality and the State*. Jhargram: Indian National Confederation and Academy of Anthropologists (INCAA), 2018: 42-78, ISBN: 978-93-83088-19-5.

Seminar organized

- (1) Organized as coordinator (with Prof. Sandhya Thapa) a two-day national seminar on the *Nuances of Social Relation* at the Department of Sociology, Sikkim University, on 2-3 March 2018.

Papers presented at the seminars/conferences

- (1) Delivered a special lecture on "The Scientific Status of Social Science Knowledge" on 29 January 2018, at the Department of Sociology, Chittagong University.
- (2) Delivered the key-note address at a national seminar on 'the Nuances of Social Relations' organized by the Department of Sociology, Sikkim University, in collaboration with Research Committee on Sociology of Everyday Life of the Indian Sociological Society on 2-3 March 2018.
- (3) Delivered a special lecture at Dalkhola College on Individual, Society and Culture on 9 March 2018.
- (4) Delivered the keynote address at the Seminar on 'Development, Inclusion and Exclusion" organized by Sikkim Government College, Burtuk and the Department of Commerce, Sikkim University on 12-13 March 2018.
- (5) Spoke on the Issues in Qualitative Research on 13 March 2018 at an ICSSR sponsored workshop on Research Methodology organized by Sikkim University.
- (6) Spoke on "the methods to knowledge formation" on 13 March 2018 at an ICSSR sponsored workshop on Research Methodology organized by Sikkim University.
- (7) Spoke on "Inclusion or Exclusion: The case of the Tribes of North Bengal" on 15 March 2018 in a two-day National Seminar, organized by the Department of Economics, North Bengal University on 14-15 March 2018.
- (8) Spoke on Methodological Issues in Qualitative Research in the workshop on Research Methodology, organized by the Department of Economics, North Bengal University on 16 March 2018.

Lectures at RC/OP

- (1) Delivered two lectures on (1) 'Culture, Personality and Society: Conformity or Conflict?' and (2) 'Unresolved Methodological Issues in Social Sciences' at the OP on 5 August 2017, organized by the Human Resource Development Centre, NBU (2 – 29 August 2017)
- (2) Delivered a lecture on 'The Status of Social Science Knowledge' in a workshop for the Research Scholars in Salesian College, Sonada, on 30 November 2017.

- (3) Delivered a lecture on 'Some Unresolved Questions in Qualitative Research' in a workshop for the Research Scholars in Salesian College, Sonada, on 1 December 2017.
- (4) Spoke on Individual-Culture dialectics in the OP on 7 March 2018, organized by the Centre for Human Resource Development, North Bengal University from 18 February to 19 March 2018.
- (5) The meeting points of Natural Sciences and Social Science knowledge, on 20. 6.18, at a Refresher Course on Social Sciences organized by the UGC Human Resource Development Centre, NBU.

CENTRE FOR HIMALAYAN STUDIES

- 1. Department/Centre:** Centre for Himalayan Studies, NBU
2. Date of Establishment: 11-12-1978
3. Introduction of the Centre: 10-05-1980 [PG Course was introduced in 2005]

4. Name of the Faculty

Professor	Associate Professor	Assistant Professor
Dr. Karubaki Datta	Dr. Ujjwal Bhui	
Dr. Maitreyee Choudhury		

5. Name of the Research Scholars:

i) Bhaswati Saha, ii) Parsis Mukhia, iii) Yashmin Bhandari, iv) Dipika Lama, v) Saurav Pradhan, vi) Tshering Choden Bhutia, vii) Binu Oommen, viii) Tanka Prasad Dhungel, ix) Soumya Mitra, x) Arindom Biswas, xi) Aditya Subba, xii) Jayashree Dey (UGC SRF), xiii) Sunny Rawat, xiv) Anuraj Sarkar (UGC JRF), xv) Dipika Chhetri, xvi) Meenakshi Kumari, xvii) Karma Samten Bhutia, xviii) Debi Chhetri, xix) Suresh Subba, xx) Phupu Wangdi Bhutia, xxi) Kaustav Banerjee

6. Name of the Project Scholar: Nil

7. Name of the Non-Teaching Staff

Name	Designation
Mr. Ajay Misra	Documentation Officer (on Lien)
Mr. Harinath Poddar	Technical Superintendent
Mrs. Ratna Das	Clerical Staff Grade III (Casual)
Mrs. Munna Manger	Senior peon
Mr. Ajay Thakur	Casual Group D Staff (Documentation Cell)

8. Student Strength

Students	Male	Female	Total
Part I 1 st Sem.	Nil	Nil	Nil
2 nd Sem.	00	03	03
Part II 3 rd Sem.	00	03	03
4 th Sem.	00	03	03

9. Seminar / Conferences attended (outside the Country & within the Country):

Within Country

Name of the Teacher	Name of the Seminars/ Conferences	Venue & Date	Title of the paper presented
Ujjwal Bhui	UGC sponsored National Seminar on "Man, Environment and Culture"	Dept. of Anthropology, NBU, held on 14.11.2017	'Role of NGOs in Combating Women Trafficking in Darjeeling Hill: Some Observations and Opinions'
Maitreyee Choudhury	<i>10th Annual NNC Conference on Environmental Asia</i> organized by NIAS & IKO	University of Oslo, Norway, 20-22 November, 2017	"India's Hydro-Energy Resources in Environmental Perspective"
	Centre for Science and Environment, Environment Education: University Programme	St. Xavier's College, Kolkata, 24-25 August, 2017.	Eastern and North East Region of India
	Centre for Science and	Neemli, Alwar, Rajasthan,	National Knowledge Conclave

	Environment (CSE) at Anil Agarwal Environmental Training Institute	30 January – 02 February, 2018.	for Colleges and Universities
KarubakiDatta	Environment and Culture in Indian History,	University of Gaur Banga, History Department, 28.03.2018	Nepali migration to Eastern Himalayas: demographic change and political fallout.
	Buddhism and Buddhist Studies : Bengal's involvement and contribution, Asiatic Society	Kolkata, 11 August, 2017	Buddhist Studies in VisvaBharati
	Indira Gandhi Centre for Arts, International Conference on Rahul Sankrityayan	New Delhi, 14-16 March, 2018	Title of the paper presented - Mahapandit Rahul Sankrityayan : The traveller extraordinary in the land of snow
	5 th International conference on Bengal Studies	Jahangirnagar University, Dhaka, 25-28 January, 2018	CheenaBhavana : Rabindranath Tagore's vision of Asian Unity
	Sharing and Development, - International seminar on Himalayan Studies,	24-25 November, 2017, Institute of Ethnology and Sociology, Chinese Academy of Social Sciences, Beijing	Tibetan linkages with the ethnic communities and culture of Sikkim

10. Organized Seminars / Conferences:

Name of the Seminar / Conference	Date of the Seminar / Conference
"Peace, Conflict and Development in the Himalayas: Process, Issues and Initiatives" organized by the Centre for Himalayan Studies, NBU (Seminar Director: Dr. UjjwalBhui)	15-16 February, 2018
Organized State-level Workshop on <i>Sevoke-Rangpo Railway and the Forest Village Dwellers: Concerns for Environment, Development and Livelihood in the Eastern Himalayas</i> at the Centre for Himalayan Studies, North Bengal University in collaboration with the Department of Sociology, North Bengal University (Workshop co-cordinator Prof. Maitreyee Choudhury)	29 May 2018.

11. Publication:

Name of the Author	Name of the Book/Journal/Volume	Year of Publication
UjjwalBhui&ParsisMukhia	<i>Karatoya: North Bengal Journal of History</i> , Vol.10, ISSN: 2229-4880	2017
UjjwalBhui&PrasenjitKarmakar	<i>Nrtattv: The Anthropology</i> , Vol-10 No.12 & Vol.11 No.13, ISSN: 2249-9830	2017
UjjwalBhui&ParsisMukhia	Book entitled " <i>Trafficking in Persons: Prevention, Control and Rehabilitation</i> ", Department of Law, University of North Bengal, ISBN: 978-81-921285-5-9	2017
UjjwalBhui&Yashmin Bhandari	<i>Journal of Political Studies</i> , Dept. of Political Science, NBU, Vol.12, ISSN:2278-4039	2017
UjjwalBhui	<i>Socialist Perspective</i> , Vol.45, ISSN 0970-8863	2017
Maitreyee Choudhury	The Himalayan Miscellany, Vol. 27	2018
Maitreyee Choudhury	"Transnational Migration of Workers from Nepal to Sikkim and its Implication on Demography and Social Sustainability" in <i>The Himalayan Miscellany</i> , Vol. 27, Centre for Himalayan Studies, North Bengal University, 2016:1-14 (Published in December 2018).	2018

KarubakiDatta	Changing pattern of land use and deforestation- A colonial legacy of Darjeeling in the Himalayas – in KarubakiDatta (ed) Man and Forest in the Himalayas and Northeast India, B.R.publishing Corporation, 2017 ISBN 9789386223630, pp.193-2`12	2017
	OsLusiads _ The Portuguese epic of Vasco da Gama’s voyage to India, Vidyasagar University Journal of History, Vol. 5, 2016-17, Vols XXXV, Nos. 1 &2, January 2017 to December 2018, ISSN No. 0970 – 730, pp 64-74	2017-18
	<i>Man and Forest in the Himalayas and Northeast India –</i> B.R.Publishing Corporation, Delhi, 2017	2017

12. Research Projects (Major & Minor): Not Applicable

Major Research Project	

Minor Research Project	
“Impact of SarvaShikshaAbhiyan on Enrolment and Retention in Elementary Education in Sikkim: A Sociological Perspective”	Sponsored by UGC-CHS Principal Investigator: Dr. UjjwalBhui
“Tawang District of Arunachal Pradesh: A Geo-Politico-Sociological Study.”	Sponsored by North Bengal University Principal Investigator: Dr. UjjwalBhui
“Area Studies and Social Sciences: Bridging the Gap” (Departmental Project under UGC Area Studies Programme, 2017- continuing).	Sponsored by North Bengal University Principal Investigator: Prof. Maitreyee Choudhury

13. -----

14. Any other information (Award Received):

CENTRE FOR WOMEN'S STUDIES

1. **Name of the University** : University of North Bengal
2. **State** : West Bengal
3. **Address** : Centre for Women's Studies,
University of North Bengal
Raja Rammohunpur,
P.O- North Bengal University,
Dist. Darjeeling, PIN-734013.
4. **Date of Establishment** : July, 2000.
5. **Date of Assignment of Present Phase** : The Centre has been upgraded by the UGC to **Phase- II** as per the letter F.No.7-68/2007(WS) dated **21st March, 2012**.
6. **Name of the Director** : Professor Debika Saha, from **10th March, 2018** (Honorary)
&
Date from when in position

2. PROFILE OF THE CENTRE

2.1. Objectives:-

Briefly, the purpose behind the establishment of the Centre for Women's Studies at the University of North Bengal was two-fold, namely

- a. To articulate the situations of women in general and their developmental needs through academic research, teaching programmes with an ultimate policy focus;
- b. To fulfill critical gender needs and to build self-awareness and self-confidence among women in the region, through grass root empowerment activities that would encourage their articulate participation in the institutions of governance.

2.2 Fulfillment:-

Since its establishment in 2000, programmes undertaken at CWS have sought to reach out to women of all sections from the North Bengal districts and Sikkim, in order to fulfill these objectives. The core activities undertaken by CWS in framing a regional research programme in Women's Studies are an integral part of the CWS Action Plan. CWS also provides critical community support services, and networks with Government institutions, women's organizations and NGOs in order to generate Community Action for the fulfillment of regional women's needs.

Keeping the basic objectives in view, the Centre for Women's Studies has endeavored to coordinate multidisciplinary activities that can synergies the expertise into a definite core for Women's Studies pertaining to the North Bengal region. The Centre has also undertaken programmes to extend research and training skills of individual scholars and departments, within and without the University system. Projects and programmes undertaken by the Centre have sought to formulate developmental policies for the betterment and empowerment of the women of this region. To realize and attain the above, the Centre has established an interface of technical, academic and administrative skills throughout the region. Various departments at the University have already established programmes in Women's Studies with a significant research component in addition to their teaching content. The Centre has endeavored to consolidate and strengthen these studies and capabilities under its umbrella.

However, since 2009 during XIth Plan, the Centre has started **Refresher Course on Women's Studies** for University and College teachers, in collaboration with UGC Human Resource Development Centre of the University.

Till date the Centre has successfully completed ten (10) Refresher Courses. University / College teachers from all over the country has been participated in the course.

Further, to generate academic interest amongst the young generation towards Women's Studies and make them aware to gender issues the Centre has started short term **Certificate Courses** on various women's issues along with

its regular activities like Research works, Publications, Seminar, Workshop, Sensitization and Awareness programmes on gender issues at various level including the grass root women. The project work initiated at the Centre aids the formulation of gender sensitive development policies and programme for the upliftment and empowerment of women in the region.

3.0 DETAILS OF THE ACTIVITIES:-

3.1 Teaching Courses

Keeping in mind the criteria laid down by UGC as per XIIth Plan guideline where UGC encourage the teaching courses to build strong academic base institutionally for Women's Studies, the Centre has started **Refresher Courses on Women's Studies** and **Short term Certificate Courses on Women's Issues, Research Methodology for Gender Studies, Geo informatics & Computer application** during XIIth Plan Period.

A. Refresher Course

The Centre for Women's Studies, University of North Bengal, in collaboration with the UGC Academic Staff College, organized a Refresher Course from 08.02.2018-28.02.2018. The theme of the Course was **Women in Literature and Society**. Teachers from various University departments and Colleges from every corner of the country were attended the course. Due to the growing responses towards the field of Women's Studies, like previous years this year also it receives good responses from all over the country.

Teachers (50) from entire country including West Bengal were selected for the Course. They were from various disciplines like Economics, Political Science, History, Sanskrit, English, Law, Sociology, Geography, Bengali etc.

Teachers from the University of North Bengal, Calcutta, JNU, Delhi etc having the expertise in this field acted as resource person and delivered lectures on various issues related to the theme.

B. Certificate Course

Women's Studies

Keeping in mind the growing responses towards Women's Studies and the regional need in order to create awareness on gender issues among the young generation the Centre has designed the Certificate Course on **Women's Studies (07 days)**. The course gets good responses from the students and scholars in each year and to accommodate all interested students and scholars this time the Centre has organized two (02) Certificate Courses on **Women's Studies**.

- a. 1st one from 1st -8th September, 2017.
- b. 2nd one from 12th -19th March, 2018 .

In both the courses 30-40 Post graduate, M. Phil and Ph. D students from various departments of the University as well as college teachers from North Bengal were participated.

Objectives of the course & the topic covered-

As the gender discrimination, social problems like dowry, trafficking are increasing day by day and women are not aware about their constitutional rights, legal rights and schemes which the government has introduced for women empowerment. Thus all above mentioned factors are adversely affect the position of women in the society of the region. Hence, to improve the situation and also to create awareness among the womenfolk of this region the Centre has design this course. Another aspect of this course is to generate academic interest amongst the young generation towards Women's Studies and make them aware to gender issues. Following topics were discussed during the course-

- Concept and theories of Women's Studies and its relevance.
- Status of women in Education, Economy and political sphere.
- Feminist Theories.
- Legal provisions for women in Indian Law.
- Women empowerment.
- Women in Media.
- Combating Violence against Women.
- Women in Development.
- Concept of Gender, its forms and role in Indian society.

Faculty from various University Department acted as resource person in the course and delivered lectures on various women's issues. All above mentioned areas have been covered during 7 days course. However, there are interactive sessions also where students participated actively and share their views and opinions.

After 7 days, participants have to appear in an examination and on the basis of their class attendance and qualifying marks, certificates have been issued to the candidates.

3.2 TRAINING PROGRAMME

The Centre for Women's Studies, University of North Bengal has organized various kinds of training programme. In the year 2017-18, the Centre has organized the following training programmes.

A. Training programme on Mushroom Cultivation

The Centre for Women's Studies has organized a training programme on Mushroom Cultivation in collaboration with **COFAM, University of North Bengal**, for students on **16th September, 2017**. Students and Research Scholars from various departments has participated in the programme.

The programme has started at 11am. COFAM staff has trained the students. The training started with the theoretical part which is followed by the practical one. They demonstrate the entire process step by step and explain the participants how to cultivate the mushroom. The students interact with the trainer and do the practical by themselves.

B. Geo Informatics-

The Centre for the Women's Studies, University of North Bengal has organized a **Workshop on Geo informatics on 20th September, 2017**.

Geo informatics is the science and the technology which develops and uses information science infrastructure to address the problems of women studies geography, locations and related branches of science and social science. This help us to visualize and take the decision for planning. Software like QGIS (open source software) and ArcGIS practical training was given to the participants. This course not only help the scholars to analyze their data but also enhance their job opportunity. M. Phil and Ph. D. scholars and teachers (15) from schools and colleges have taken part in the course.

3.3 Field Action

A. International Women's Day

The Centre for Women's Studies has celebrate the **International Women's Day on 8th March, 2018**, by organizing special lecture series by eminent personalities. The theme of the day was **Time is Now Rural and Urban Activists Transforming Women's Lives**.

The programme has been started with an opening song by the students of the University. After welcoming the dignitaries, Professor DebikaSaha, Director, Centre for women's Studies has delivered the Welcome address. She has briefly discussed about the importance of the Day and also discussed about the position of women in our society.

Professor Sanchari Roy Mukherjee, Dean, Faculty of Arts, Commerce & Law, has inaugurated the programme by lighting the ceremonial lamp. Professor Roy Mukherjee was former Director of the Centre and the Centre acknowledged her contribution towards the Centre during her tenure and also welcome her as a first women dean, of the University of North Bengal. She spoke about the scenario of women empowerment both in rural and urban sector. She also highlighted that gender discrimination is the reason behind the issues of dowry, female foeticide, trafficking, gender based violence that exist in our society. She mentioned that we should fight against these evil practices of our society. She pointed out that being a part of an academic institute, the Centre has play an important role to create academic interest on Women's Studies among the young generation as well as create awareness among all section of people in order to meet the regional gender need. Students should take active part to create a gender friendly environment in the institute. Her deliberation enlighten the audience and students from various department took part in the interaction.

Professor Gangotri Chakraborty, Department of Law, University of North Bengal, delivered a lecture on Legal Provisions for women and its importance. She discussed about the women facing gender based violence in their everyday life and how to combat it. She also mentioned the various anti social activities like Trafficking, domestic

violence which are very challenging for the women. We should take initiatives to eradicate such kind of social problem in order to improve the status of women in our society.

Dr.Nupur Das, Secretary, Under Graduate, Dr. Dahlia Bhattacharya, Department of History, Professor Bijay Sarkar, Department of History, Professor ManjulaBera, Department of Bengali also on the importance of the day and focus on the present situation of the women in our society. They highlighted the point empowerment of women and shared their experiences and also put focus on the trend of women empowerment. All of them rightly pointed out about the strategies to be developed for the betterment of the women section and also encourage the young generation to take active part in the process as a responsible citizen.

Teachers, research Scholars and students from all departments of University has attended the programme. After the deliberation, there was an interactive session where all of them took part and specially students were took active part in the discussion. More than 100 participants were attended the programme.

B. Awareness programme

1. The Centre for Women's Studies, University of North Bengal, organized **Awareness Programme** on various issues related to Women's Studies throughout the year. The Centre organized awareness programme on **Sexual harassment Act and about Internal Complaint Committee of North Bengal University** in each and every departments and Girls Hostels on different days in the month of October 2017 for all the students of North Bengal University. Dr.SushmaRohatgi, Dr.Beethika Moni Dutta, Dr. Manisha Jha, Dr. Min Bahadur, Ruksa Noor and Dr.Shilpi Ghosh have taken active part in this programme.

2. Counseling Programme-The Centre for Women's Studies has organized **Counseling programme** for the hostel residents of P.G Girl's Hostel and Women Research Scholar Hostel boarders on several occasions. Issues related to sexual harassment, Mental Health, HIV/AIDS, Trafficking etc. were discussed throughout the program.

3. Awareness programme on Legal issues and Women's Health:

3.a. The Centre for Women's Studies, has been organized awareness programme on **Legal issues** on **22nd September, 2018**, at the department of Geography, University of North Bengal. Students and Research Scholars from various department has attended the programme. Legal provisions for women in Indian law has been discussed in the programme. Participants took part in the discussion and interact with the resource persons.

3.b. The Centre for Women's Studies, has been organized awareness programme on **Legal issues and Women's Health** on **8th February, 2018**, at the department of Geography, University of North Bengal. Students and Research Scholars from various department has attended the programme. Dr. A K Nandi, (Retd) Medical Officer, Shantiniketan, delivered lecture on Women's Reproductive Health. Issues related to Women's health has been discussed in the programme. Students took part in the discussion and interact with the resource persons.

4.0 Publication:-

1. Journal of Women's Studies Vol-VIII,2018(ISSN -2320-3625).

5.0 Resources

5.1 Manpower:-

As of 31st March, 2018, the following members constitute the existing manpower at the Centre for Women's Studies:

- i) Honorary Director: Professor DebikaSaha.(from 10th March,2018)
- ii) Assistant Professor: Dr.Beethika Moni Dutta (*on contractual basis*)
- iii) Peon: Shri AsitSingha(*on contractual basis*)

5.2 Material:-

The Centre occupies 700 sq. ft space in 3 bays in the Humanities building.

The Centre has acquired a LCD projector and laptop to facilitate presentation at seminar and workshops and in future for M. Phil students.

For effective documentation, the centre has acquired a camera which has been useful in the various activities of women in North Bengal.

5.3 Documentation:-

- i.** Books:- The CWS library presently houses 1379 books on Women's Studies covering different fields of Gender Studies were procured from the UGC fund. Library also has charts and posters on Women related issues and paper cuttings are also preserved for scholars and students who visit the library for viewing and disseminating information.
- ii.** For the preparation of "Gender Atlas of West Bengal/India" on GIS platform Super map GIS software has been procured and women scholars and students of NBU were given training. Now the digital information on women of West Bengal is available with CWS.
- iii.** Study materials for UGC NET Examination for Women's Studies compiled from different books and internet for the students are kept in the CWS library and many students have been benefited.

HIGH ENERGY & COSMIC RAY RESEARCH CENTRE

The Centre has been established jointly by the University Grants Commission and the State Government of West Bengal 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.

Name of the Officers (Scientists) of the Centre:

Name	Designation
Dr. Samir K Sarkar	Jt. Sr. Scientific Research Officer (Retd. on 31.12.2017)
Dr. Arunava Bhadra	Sr. Research Physicist
Mr. Arindam Mukherjee	Sr. Research Officer

Name of the Non-teaching staff:

Name	Designation
Sadhan Paul,	Helper Gr. II

Name of research Scholars: Biplab Bijay, Tamal Sarkar, Arundhati Roychaudhuri, Prabir Banik, Jyotirmay Paul, Samrat Ghosh.

PhD awarded: Biplab Bijay; **Ph.D. Thesis submitted:** Tamal Sarkar, Prabir Banik

Research Publications:

Title	Authors	Journal	Reference
Implications of supernova remnant origin model of galactic cosmic rays on Gamma rays from young supernova remnants	Prabir Banik and Arunava Bhadra	Physical Review D (American Physical Soc.)	95, 123014 (2017)
Probing the cosmic ray mass composition in the knee region through TeV secondary particle fluxes from solar surrounding	P Banik, B. Bijay, S.K. Sarkar and A. Bhadra,	Physical Review D (American Physical Soc.)	95, 06314 (2017)
Spectral evolution of GRBs with negative spectral lag using Fermi GBM observations	A Chakrabarti, K. Chaudhury, S.K. Sarkar and A. Bhadra	J. High Energy Astrophys	18, 15 (2018)

Other Information:

1. Apart from the regular activities, Mr. Arindam Mukherjee shouldered additional charge of the Headship of the Computer Centre.
2. A. Mukherjee supervised a sky watch program entitled “Total Lunar Eclipse: Super Moon, Blood Moon and Blue Moon,” on 31st January, 2018. The event was successfully observed at the Centre.

CENTRE OF FLORICULTURE & AGRI-BUSINESS MANAGEMENT

COFAM was established in the year 2006 to provide institutional support for the holistic development of floriculture sector in North Bengal. The main thrust of this centre are demonstrations of identified technologies pertaining to the region, production and supply of quality planting material, training, and capacity building. The institute has been playing vital role in effective dissemination of technology i.e. technology demonstration, imparting training to the growers

The centre in co-ordination with state agriculture departments, W.B.C.A.D.C, and District horticulture department of west Bengal government has been taking up various programs to upscale the production and productivity of floriculture and horticulture in the region besides bringing awareness on the organic farming. In this year 2017-18, COFAM had focused mainly on:-

- 1) Quality planting material
- 2) Demonstration of improved technologies
- 3) Training of framers on improved technologies

Activities of COFAM in the fiscal year 2017-18

TOPIC	DATE	NO OF PARTICIPANTS	HOST AGENCY
One day workshop on Tissue Culture	24-08-2017	95	COFAM,NBU & Narayana public school
One day workshop on tissue culture	27-08-17	100	COFAM, NBU
Seminar on cash crops and organic	29-08-17	20	COFAM, NBU
Workshop on mushroom cultivation	2-09-2017	25	Centre of women studies & COFAM, NBU
Workshop on mushroom cultivation	13-12-2017	45	CenT-Rseti& COFAM,NBU
Workshop on vermicompost	15-12-2017	22	Cent-Rseti& COFAM,NBU
Hands on training on organic farming	25-01-2018	14	COFAM,NBU
Seminar on floriculture	09-02-2018	50	District Horticulture Office & COFAM,NBU
Worshop on exotic vegetables and mushrooms	12-02-2018	50	W.B.C.A.D.C & COFAM,NBU
Seminar on Buttom mushroom	16-02-2018	150	St Xaviers college & COFAM ,NBU

A.) One day workshop on Tissue Culture
No. of Participants: 95
Date: 24.08.2017



B.) One Day Training program on mushroom cultivation.

Organized by:
Central Bank Rural Training Institute & COFAM, NBU at 13.12.2017
No. of Participants: 40



C) One Day Training program on Preparation of Vermi-compost

Venue: COFAM

Organized by: Central Bank of India & COFAM

No. of Participants: 22

Date: 15.12.2017



D) Aquaponic and vertical garden model farm

Under the technical guidance of COFAM, Department of Biotechnology, University of North Bengal



E) One Day training program on Organic farming
 Venue: COFAM
 Date: 25.01.2018
 No. of Beneficiaries - 14



जैविक खेती का बताया गुर

जागरण संवाददाता, सिलीगुड़ी : उत्तर बंगाल विश्वविद्यालय, सेंटर ऑफ फ्लोरिकल्चर एंड एग्री-बिजनेस मैनेजमेंट (कोफाम), बाँयो टेक्नोलॉजी की ओर से बुधवार को वैज्ञानिक विधि से जैविक खेती करने को लेकर एक दिवसीय प्रशिक्षण कार्यक्रम आयोजित की गई। उक्त प्रशिक्षण कार्यक्रम में नक्सलबाड़ी व फांसीदेव प्रखंड के 20 से ज्यादा किसानों हाई-टेक विधि से सब्जी के उत्पादन करने के संबंध जानकारी दी गई।

खासकर गर्मी के मौसम में उपज होने वाले सब्जियों के की खेती के बारे में किसानों को बताया गया। एनबीयू बाँयोटेक्नोलॉजी विभाग की अध्यक्ष प्रोफेसर शिल्पी घोष के निर्देशन में आयोजित प्रशिक्षण कार्यक्रम किसानों को बताया गया कि को बताया कि बिना किसी ठोस योजना व तकनीक का उपयोग किये बगैर किसी भी तरह के फल, फुल व सब्जी का उत्पादन करना आसान नहीं है। इससे सिर्फ समय व पैसे का नुकसान होता है।

कोफाम के तकनीक अधिकारी ने अमरेंद्र पांडेय ने बताया कि अगर वैज्ञानिक पद्धति से फल, फुल व सब्जी का उत्पादन होता है, तो इससे फसल की बर्बादी नहीं होती है। जिससे उद्यमियों को नुकसान नहीं उठाना पड़ता है। वहीं उनके



एनबीयू में आयोजित प्रशिक्षण कार्यक्रम में उपस्थित अतिथि व प्रशिक्षु • जागरण

- एनबीयू में आयोजित प्रशिक्षण कार्यक्रम में 20 से ज्यादा किसान हुए शामिल
- जैविक विधि से खेती करने पर सच्चियों की होती है बेहतर पैदावार

द्वारा उत्पादन किये गये फल, फुल व सब्जियों की कीमत भी अच्छी मिलती है। उन्होंने कहा कि उत्तर बंगाल में विभिन्न तरह के सब्जियों के अलावा स्ट्रॉबेरी, अनन्नास, किवी, केला, अमरूद समेत विभिन्न तरह के फलों व फुलों के उत्पादन के पर्याप्त संभावनाएँ हैं। जाड़े के मौसम खत्म होने के बाद गर्मी के मौसम में

सब्जियों के उत्पादन कम होते हैं। ऐसे में किसानों एक योजना के तहत गर्मी वाले सब्जियों को लगाने की जरूरत होती है।

अगर वे वैज्ञानिक तकनीक से कल्टिवेशन करते हैं, तो निश्चय ही अधिक से अधिक लाभ मिल सकेगा। उन्होंने कहा कि किसानों को हर संभव तकनीक सुझाव कोफाम की ओर से दिया जाता रहेगा। पांडेय ने बताया कि कोफाम के सहयोग से इच्छुक लोगों को स्ट्रॉबेरी, ट्रेगन फ्रूट्स व रेड लेडी पपीया समेत फलों के कल्टिवेशन की जानकारी दी जाती है।

F) Workshop on Floriculture
Venue: Kanchanjungha Stadium Mela Ground
Organized by: Siliguri Horticulture Society & District Horticulture Department.(Govt.of W.B)
In technical assistance with
COFAM, Dept. of Biotechnology, University of North Bengal.
Date:09.02.2018 & 10.02.2018
No. of Beneficiaries - 50



G) Four Days Workshop on Mushroom & Exotic Vegetables

Venue: Naxalbari Satbhaiya Farm

Organized by W.B.C.A.D.C (Dept. of P & R.D)

(Govt. of West Bengal)

In Collaboration with

COFAM, UNIVERSITY OF NORTH BENGAL

Date: 16.02.2018



H) One Day seminar on Bottom Mushroom Cultivation

No. of participants: 150

Venue: North Bengal St. Xaviers College, Rajganj



CENTRE FOR STUDIES IN LOCAL LANGUAGES & CULTURES

1. Name of the Department : Centre for Studies in Local Languages & Cultures
2. Date of Establishment : 2001
3. Introduction of the Department : Centre for Studies in Local Languages & Cultures
4. Name of the Faculty : Prof.Nikhilesh Roy,Director(Honorary)
 Professor Reader Sr. Lecturer/Lecturer
5. Name of the Research Scholars : NIL
6. Name of the Project Scholars : NIL
7. Name of the Non-Teaching Staff :

Name	Designation
Jolly Majumder	Project Assistant (Casual)
ChandanMallick	Peon (Casual)

8. Students Strength : NIL
 Students Male Female Total
 Part-I 1st Sem.
 2nd Sem.
 Part-II 3rd Sem.
 4th Sem.

9. Seminar/Conferences attended (Outside the Country & Within the Country):

Name of the Teacher	Name of the Seminars/Conference	Venue & Date	Title of the paper presented
NIL	NIL	NIL	NIL
NIL	NIL	NIL	NIL

10. Organized Seminar/Conferences:

Name of the Seminar/Conference	Date of the Seminar/Conference
1. 16 November-22 November 2017 Workshop on Cultural Vocabulary of Rajbanshi Language	DATE. 16 November-22 November 2017
2. National Seminar on 24 November 2017 ‘‘Bahubhasik dese AnchalikBhasaisahityacharchacharasahitermuktiasombhav’’ Venue- Seminar Hall	DATE- 24 November 2017
3. 24 November 2017 Cultural Programme Venue- RabindraBhanu Mancha	24 November 2017

4. 22 February 2018 Anchalik Sahitya patherasor o Smark Baktrita Venue- Seminar Hall, Speaker- Prof. Rahel Rajib, Jaggonath University, Dhaka, Bangladesh And Rajbanshi, Kurukh, Sadri, Dhimal, Toto, Bodo Bhasai Kabita Path	22 February 2018
5. 27-28 February 2018 Basanto o Lokosanskriti Utasab Venue- Rabindra-Bhanu Mancha	27-28 February 2018
6. International Seminar on 11-13 March 2018 Bisay-Lokosankirti: Atit-c Venue- Conference Hall	11-13 March 2018
7. 20-21 March 2018 Lokobadya Sammelok Venue- Rabindra-Bhanu Mancha	20-21 March 2018
8. 29 March 2018 Panchanan Smarak Baktrita Speaker- Prof. Barun Chakraborty, Emeritus Professor, R.B.U Ex-Prof. Kalayani University Venue- Conference Hall	29 March 2018
9. Rajya Loko Natya Utsab Tathya o Sanskriti Daptor, Paschim Banga Sarkar, Collaboration With Lokosanskriti o Adibasi Sanskriti Kendra o Local Language Centre, University of North Bengal. Venue- Rabindra-Bhanu Mancha Date-27-29 March 2018	Date-27-29 March 2018
10. Khetra-Samikhak o Gabeshok Sammelon on 30 March 2018 at Conference Hall, Tathya o Sanskriti Daptor, Paschim Banga Sarkar, Collaboration With Lokosanskriti o Adibasi Sanskriti Kendra o Local Language Centre, University of North Bengal.	30 March 2018

11. Publication:

Name of the Author	Name of the Book/Journal/Volume	Year of Publication
Editor- Dr. Nikhilesh Ray	JOURNAL (Bairati) Volumn-II	In the Press

12. Research Projects (Major & Minor):

Major Research Project		
Title of the Scheme Project	Sanctioned Authority	
N.A	N.A	N.A
Minor Research Project		
Title of the Scheme Project	Sanctioned Authority	

13. Visiting Fellow:

Name of the Visiting Fellow	Duration	Year of Publication
N.A	N.A	N.A

14. Any other information – 10 December 2017 JNU students visit the Centre with Dr. Harimadhab Roy, Professor, JNU

15. Awarde Received – NIL

OFFICE OF THE INTERNAL QUALITY ASSURANCE CELL (IQAC)

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.

IQAC Cell

1	Professor Somnath Ghosh, Hon'ble Vice-Chancellor, University of North Bengal.	Chairperson
2	The Dean, Faculty Council for PG Studies in Arts, Commerce & Law, University of North Bengal.	Member
3	The Dean, Faculty Council for PG Studies in Science, University of North Bengal.	Member
4	Professor Amitabha Mukhopadhyay, Department of Physics, University of North Bengal.	Member
5	Professor Pranab Ghosh, Department of Chemistry, University of North Bengal.	Member
6	Professor Subir Sarkar, Department of Geography & Applied Geography, University of North Bengal.	Member
7	Professor Arun Kanti Jana, Department of Political Science, University of North Bengal.	Member
8	Professor Ghanashyam Nepal, Department of Nepali, University of North Bengal.	Member
9	Professor Anirban Misra, Department of Chemistry,	
10	Registrar (Officiating), University of North Bengal.	Member
11	Professor Anup Kumar Sinha, Indian Institute of Management, Kolkata-700104.	Member
12	Professor Dipak Ranjan Mal, Department of Chemistry, Indian Institute of Technology, Kharagpur.	Member
13	Sri Goutam Deb, Minister-in-Charge, Department of Tourism, Govt. of West Bengal, Mainak Tourist Lodge, Siliguri	Member
14	Professor Soumitra De, Department of Political Science, University of North Bengal.	Director

IQAC is supported by the following Administrative Staff

Sri Nilkantha Biswas.

Sri Jyotirmoy Biswas.

Major Activities & Quality Initiatives (2017-18)

1. All UG programmes were brought under CBCS
2. BSc in Geology was started.
3. Roster was revised for recruitment of teaching and non-teaching staff.
4. Software was developed for API calculation of applicants under Direct recruitment of Professors and Associate Professors.

AKSHAYA KUMAR MAITREYA HERITAGE MUSEUM
2017-2018

The A.K.M.H. Museum which had a humble beginning in 1965, now legitimately can 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. Scholars from different parts of India and some even from China, Bangladesh, Srilanka, Japan, Taiwan and other countries now visit the Museum.

Seminar/Conference/Workshop Programme :

The Akshaya Kumar Maitreya Heritage Museum had celebrated the International Museum Day programme on the 18th May, 2017 in the Museum.

Visitors:

A huge number of Indian and Foreign visitors, scholars, academicians from School students, Colleges, Universities have visited the Museum during the period under consideration. A group of Research Scholars & Students of BLIS / History Department and also students from the various schools visit the Museum and prepare their project work. More than 7,400 visitors were come to the Museum during this period (April, 2017 to March, 2018).

COMPUTER CENTRE

1. **Name of the Department** : **COMPUTER CENTRE**
2. **Date of Establishment** : UGC Reference F.55-5/83 (T-II) dated 16th April 1983
3. **Introduction of the Department** : The Computer Centre, University of North Bengal, the leading Central Facility of this University, established in April, 1983 (UGC Reference F.55-5/83 (T-II) dated 16th April 1983), Is providing different services to the Teachers, Research Scholars, Students and the Administration of the University of North Bengal relating to 1) teaching, training & research, 2) Local Area Network (LAN) and 3) various computing facilities. Although it had a separate identity, it was functioning under the same Head of the Department of Computer Science and Application, University of North Bengal. Since 28th May, 2001 it has been functioning under the independent Head from the Computer Centre, NBU.
4. **Name of the Non-Teaching Staff** : The existing staff of the Centre for the period 2017 - 2018

Name	Designation
A. Mukherjee	Head, Computer Centre (in additional charge)
Ratan Kr. Das	Jr. Computer Operator
RajendraNathSaha	Key Punch Operator

5. **Any other information :**
ICT facility of the Centre
- i. **1 Gbps leased line (1:1) under NMEICT project of MHRD :**
Under the project, the Computer Centre is provided with leased line (1:1) from BSNL for its main Campus at Raja Rammohanpur, Siliguri – 13, w.e.f. 2011 – 12
 - ii. **Catering of multiple ISP for crisis management and better bandwidth :**
There is 300 mbps leased line from an alternate ISP (from Reliance Communication) to manage the cases arising out of non-availability of the BSNL connectivity as well as for better fulfillment of user's demand for bandwidth.
 - iii. **Internet facility through LAN :**
The whole campus encompassing all the academic & administrative buildings and the hostels are provided with 24x7 internet facility at several static points with fiber optic back bone network mounted at the Server Room of the Computer Centre.
 - iv. **Campus Wi-Fi facility :**
All the Research Scholars (Men and Women) and PG hostels (Boys and Girls), are also covered under the Campus Wi-Fi facility.
 - v. **Cluster Computation : A new horizon for high speed analytical facility for huge database:**
With the entire support from the RUSA fund, this Computer Centre of the University, had managed to host its state of art IBM cluster computing facility. The academic cross section with demand for high speed computing facility is benefitted with this.

Routine works of the Centre

- i. **Maintenance of LAN and Wi-Fi facility :**
For providing uninterrupted Internet facilities to all the academic and administrative departments/ Centre/ Branches

- ii. **Installation of licensed software:**
For all departments, Centre & Branches under the University of North Bengal.
- iii. **Continuous up-gradation of the operating systems, software versions.**
- iv. **Minor extension of existing connectivity :**
To meet the requirement of better teaching, research and office management.
- v. **Extension of support with short term loan:**
Computer peripherals, projector etc. to different departments to facilitate infrastructural support for holding seminars, conference, symposium etc.

OFFICE OF THE UNIVERSITY ENGINEER

❖ CONSTRUCTION & DEVELOPMENT WORK AT N.B.U. FOR THE YEAR 2017-18

Sl No.	Year	Name of the Project	Estimated Cost (in Rs.)	Expenditure (in Rs.)	Funding Agency	Executing Agency	Status
1	17-18	“Proposed Creation of Laboratory in Chemistry, Physics & Geography at NBU Campus”.	(civil) 1,67,08,491=00 (elct.) 23,20,541=00 Total Rs. 1,90,29,032=00	U.C. yet not received by the Executing Agency	RUSA FUND	Executing Engineer, North Bengal Division, Social Sector, P.W. Dte.	Work is in Progress
2	17-18	“Laying of rising main and renovation of existing distribution mains including installation of new pumping machineries, panel board, Iron Elimination plant, chlorination system and protection of existing well’s of N.B.U. campus water supply scheme”.	Rs 94,65,044=00	U.C. yet not received by the Executing Agency	U.G.C. Grant	Director of P.H.E. Siliguri	Work Completed

UNIVERSITY LIBRARY

1. Name of the Department : University Library
2. Year of the Establishment : 1962
3. Library Hours : 10 a.m. to 5-30 pm.
4. Library Service Open : Monday to Saturday (7days except holidays)
5. Carpet Area (with Annex) : 2662.61 sq. mtr. +445.52. mtr. =3108.13 sq. mtr.
6. Total Collection (as on 31.03.2018) : 300569
7. Name of the Office:

Sl. No.	Name	Designation
1	Sri BrindabanKarmakar	Joint Librarian & Librarian (in Charge)
2	Sri Shubhrangshu Kumar Mistri	Assistant Librarian
3	Sri SanrtanuChanda	Assistant Librarian
4	Ms. Yanzee Sherpa	Assistant Librarian
5	Sri ManashEsh	Information Scientist

8. Library Access : Open Access & Closed Access
9. Library Security system : Monitoring under 70 numbers of Digital CCTV Surveillance.
10. Institutional Membership :IASLIC, ILA, BLA, British Council, American Library &Delnet
11. Status of Automation : Automated Database (partial)
12. Library Software : SOUL 2.0
13. Membership of Library Network : INFLIBENT
14. Library Consortia : UGE INFONET CONSORTIUM
15. Library web Portal (local) :<http://10.10.2.100/opac/opac.asp>
: <http://10.10.2.100/webopac/main.aspx>
16. Website : www.nbu.ac.in
17. Library Statistics:

Sl. No.	Particulars	2017-2018
	<i>Total number of documents accessioned</i>	300569
I	Text Books	246035
II	Reference Books	9014
III	Rare Books	650
IV	Bound Periodicals	38,745
V	Theses	1,778
VI	Non- Print Materials	1,049
VII	Census	2350
VIII	Reports	1794
IX	Gazetters	180
X	Detaties	201

18. Total number of documents adde4d (during the Financial Year 2017-18:

2017-2018
841

19. Total expenditure for subscription of current Journals/ Periodicals subscribed (during the Financial Year 2017-18)

Session	Amount
2017-2018	4943644.00

20. Total number of current Journals/ Periodicals subscribed (Financial Year 2017-18)

Sl. No.	Journals	2017-18
I	Indian	488
II	Foreign	133
III	Online	07
Total number of journal Prescribed		628

21. Total number of E-Journal/ E-Periodicals available on On-line through UGC- INFONET Digital Library Consortium (during the Financial Year 2017-18): More than 9,000 (approx.)

22. 1784 numbers of retrospective theses have been converted into digital format

23. 650 numbers of Rare Books have been converted into digital format.

24. Creation of computerized membership database (during the Financial Year 2017-18); The computerized membership database of all members of the University Library is being going on along with provision of barcode.

25. Total number of data entered in the SOUL database (during the Financial Year 2017-18) : 256000

26. Existing number of users of online journal (during the Financial Year 2017-18): 77,285

27. Contribution to union catalogue of INFLIBNET (during the Financial Year 2017-18): The University Library has contributed data of 2,00,400 documents with bibliographical details.

28. Book budget (during the Financial Year 2017-18):

Grant	2017-2018
SAP-UGC	Rs.10,80,000.00
Others	Rs.2,72,865.00

29. Total number of students members:

2017-2018	2370
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30. Total number of others members:

2017-2018	637
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31. Average issue/return of books (daily):

2017-2018	249
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32. Average number of members visited daily in the library:

2017-2018	145
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33. Seating capacity the library:

2017-2018	150
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18. LIBRARY SERVICES:

- i. Bibliographic Service
- ii. Reference Service
- iii. Information Service
- iv. Reprographic Facilities
- v. Internet Facilities
- vi. Online access to selected journal through UGC-INFONET
- vi. Database search through INFLIBNET

- vii. Study and Research Support Service
- viii. Information Hub for students, Teachers & Research Scholars with AC Facilities
- ix. Journals of National and International repute
- x. Provision for accessing the Rare Books
- xi. Lending facilities for books
- xii. After processing the documents are being sent regularly to seminar Libraries as required
- xiii. Display of information regarding arrival of books and journals
- xiv. OPACand Web OPAC
- xv. Career Guidance Service
- xvi. Resource Sharing/Inter Library Loan
- xvii. Reading facilities to Retired Teachers
- xviii. User Orientation
- xix. Facilities for other colleges & Research Organizations
- xx. Service extended to Jalpaiguri Campus
- xxi. Plagiarism checking up of Theses/ Dissertations /Articles

UNIVERSITY SCIENCE & INSTRUMENTATION (USIC)

1. **Name of the Department** : University Science Instrumentation Centre, North Bengal University, Darjeeling -734013
2. **Date of Establishment** :1978
3. **Introduction:** University Science Instrumentation Centre (USIC) was established in the year 1978. It is a Level- II centre and renders services to the different departments of the University in terms of Maintenance, Repairing and Fabrication of scientific equipments. The Centre broadly runs as per UGC guidelines.
4. Name of the Officer with Designation (Session :2017-18)

SINo.	Name	Designation
1.	Dr. Malay Kumar Das	Head (Honorary)
2	Mr. Gautam Sarkar	Technical Officer II
3.	Mr. Tamal Sarkar	Technical Officer I

5. Name of the Research Scholars : Nil
6. Name of the Project Scholars : Nil
7. Name of the Non- Teaching staff (Session : 2017-18)

SINo.	Name	Designation
1.	Dr.Biswajit Dutta	Junior Computer Operator
2.	Mr. AmbarishChettri	Senior Mechanic
3.	Mr. Harish Mishra	Record Keeper
4.	Mr. BikkyMallick	Junior Peon
5.	Mr. Rajib Das	Office Assistant(Contractual)
6.	Mr. Krishna Roy	Group-IV (on daily wage basis)

8. Students Strength :Nil (Not a PG Study Department)
9. Seminar/ Conference attended (Outside the country &within the country):

Name of the Teacher/Officer	Name of the Seminars/Conference	Venue & Date	Title of the paper presented
Tamal Sarkar	2 nd Regional Science & Technology Congress, 2017.	Organized by Siliguri College jointly with Department of Higher Education, Science & Technology and Bio Technology, Government of West Bengal, held during December 7-8, 2017.	The effect of Spin on the radiative flux in Kerr-Space time
Gautam Sarkar	Application and Usage of Scanning Electron Microscope (SEM)	11 th to 12 th January, 2018 (Two days), NBU	
Tamal Sarkar	25 th West Bengal State Science & Technology Congress, 2018.	Kolkata March 4-5, 2018	
Tamal Sarkar	Science Academic Lecture Workshop on	NBU Feb 8-10,2018	The effect of Spin on the radiative flux in Kerr-Space time

	Frontiers in Chemical and Material Sciences		
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10. Publication: Nil

11. Organised Special Lecture/Seminar/Conference : Nil

12. Research Projects (Major & Minor): Nil

13. Visiting Fellow: Nil

14. Any other information :

Regular activities by the Department: A summary of the works undertaken and the serviced successfully (**Repair, Fabrication, Design, Installation, Up-gradation etc.**), Amount of **Liquid Nitrogen** supplied to the different departments in USIC during the year 2017-18:

Sl No.	Month & Year	No. of Jobs	Repairing Jobs			Amount of Liquid N ₂ supplied (in litre)
			C.P.U	Laptop	Electronics & Electrical	
1	Apr ,17	12	5	1	6	371.5
2	May,17	30	9	3	18	289
3	June,17	18	2	0	16	300
4	July,17	18	11	2	5	284
5	Aug ,17	31	18	5	8	38
6	Sept,17	19	6	5	8	310
7	Oct ,17	11	4	5	2	247
8	Nov ,17	10	6	1	3	Nil
9	Dec ,17	11	6	2	3	Nil
10	Jan, 18	37	10	5	22	Nil
11	Feb,18	19	7	3	9	Nil
12	Mar, 18	24	4	4	16	Nil
Total		240				1839.5

UNIVERSITY PRESS

Established in the year of 1972

The University Press has been successfully engaged in printing journals of various departments like Law, Zoology, Political Science, Philosophy, Nepali, Sociology, Hindi, History, Botany, Local Language, Geography, Centre for Women Studies, Economics, Anthropology, Library and Information Science, etc. and Books of various departments.

Besides printing of routine jobs, Answer Scripts and Loose Sheets of under graduate and post graduate examinations, prospectus of some courses, abstracts and other materials of various Seminars&Workshops, Newsletters and different reports of the University.

Presently University Press is functioning with three segments - first Compose Section, 2nd Printing Section and 3rd Binding and Finishing Section and having 5 Offset Printing machines, 3 Letter Press machines, 1 Perfect Binding machine, 2 Cutting machine, 1 Folding machine, 1 Lamination machine, 2 Stitching machine, 1 Perforating cum Creasing machine, 3 A3 size Color Printer & 1 A4 size Color printer, 6 B & W printers and 5 Desktop Computers. University Press building comprises of 3 blocks of buildings of area 3000 + 1500 + 3500 Sq.ft. (approx).

In the year 2016-17 University Press has completed 220 indents and during these period University Press has earned Rs. 20,06,863.00.

BASIC FACILITIES FOR WOMEN

UGC Merged Scheme, University of North Bengal

Co-ordinator : Prof. (Dr.) ManjulaBera, Professor, Department of Bengali.

Introduction & Activities of the Scheme

Basic Facilities for Women, UGC Merged Scheme has been commenced on the 14th January, 2009. Under this scheme 2 (two) common rooms, one for the Girl Students and another for Lady Teachers of this University, in the Second Floor of the Humanities Building have been provided for refreshment and recreation.

The facilities which is provided in the Common rooms are as follows :

1. Two (2) nos. of bed for the sick person
2. First-Aid Box with necessary medicines & items
3. Two Carom Boards
4. Two Chess sets
5. Two sets Chinese- Checker
6. Two sets Tennis Racket with Net
7. Two Colored Televisions with table
8. Three Computers with tables
9. Two Refrigerators
10. One Aqua-guard for drinking Water
11. Two Mirrors
12. 40 nos. Steel Armed Chairs
13. 10 nos. Steel framed Tables

Every working day girl students of various departments use the room for refreshment and recreation. They play the Carom, Chess, Chinese –Checker, Tennis etc.

One Lady Attendant (purely temporary) takes care the girl students and sick girls also and takes care everything with above mentioned items.

Usually during the whole year the girl students of the Bengali Department avail more the facilities of the room because of the room is very close to the department of Bengali. But during the Annual Examination of P. G. Courses maximum girl students of other departments avail full facilities from here. The girl students of other departments also use this room.

The Centre for Women Studies, NBU, the department of Bengali sometimes use this room as a venue for the Seminar, Certificate Courses etc. Thus the girl students attend the said programmes much more.

The University Authority uses this room as a venue for Competitive Examinations like BSF, JEE etc.

CENTRE FOR DIFFERENTLY ABLED PERSONS

Year of Establishment 2005

1. **Name of the Department:** CENTRE FOR DIFFERENTLY ABLED PERSONS
2. **Date of Establishment:** Year of Establishment 2005
3. **Introduction of the department:** In the vast region of North Bengal, it is the only Centre for Differently Abled Persons (CDAP) of the University of North Bengal for the differently abled students/employees. 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. Our motto 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 acquire abilities to read, write, hearing and so on. In short, they can express their views with dignity. However, the Centre has been suffering from inadequate staffs, funds and space and affecting its normal function seriously.

4. **Name of the Coordinator:** Dr. Samar Kumar Biswas (Present Coordinator, but originally he is the Associate Professor in the Department of Anthropology, NBU).
5. Name of the Research Scholars: N/A
6. Name of the Project Fellow: N/A
7. Name of the Non-Teaching Staff: NIL
8. Student Strength: N/A
9. Seminar/ Conference attended (Outside the Country & Within the Country): N/A

Name of the Teacher	Name of the /Seminar Conference	Venue & Date	Title of the paper presented

10. Organized Seminar / Conference: NO

Name of the Seminar Conference	Date of the Seminar / Conference	Remarks

11. Publications: N/A

12. Research Projects (Major& Minor): N/A

Major Research Project		
Title of the Scheme Project	Sanctioned Authority	Remarks

13. Visiting Fellow: NO

Name of the Visiting Fellow	Duration	

14. Any other information- Award Received: NO

DAY CARE CENTRE

Day Care Centre, University of North Bengal was established in the month of June, 2008, with UGC-grant under merged scheme. Initially, the center was attended by four children but during the period (2017-2019) two children came to the centre on daily basis.

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 five years.

At present, three staffs on casual basis are working in the centre to look after the children.

SC/ST/OBC (Non-Creamy Layer)&Minority STUDENTS
NATIONAL ELIGIBILITY TEST (NET)

YEAR OF ESTABLISHMENT – 2005

Coaching Scheme for National Eligibility Test (NET) 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 the University proposal to start the scheme under the 10th plan guideline 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. Consequently, the Co-ordinator of the programme was appointed; an advisory Committee was constituted as per the UGC guideline. The coaching scheme also has continued with its programme in **2017-2018 Batch – I (session: 1st September 2017 to 21st September, 2017)** including Twenty three more Department i.e. Bengali, English, Hindi, Nepali, History, Philosophy, Economics, Commerce, DLLE, Mass Communication, Political Science, Sociology, Anthropology, Centre for Himalayan Studies, Computer Science, Geography, Law, Library Science, Tea Science, Mathematics, Chemistry, Botany, Micro-biology overall **students 400.**

Courses Taught :

M.A. :

Bengali/English/History/Economics/Philosophy/Political Science/Sociology/Hindi/Nepali
/Anthropology/Geography

M.Sc. :

Mathamatics/Physics/Chemistry/Bio-technology/Micro-biology/Zoology/Botany/Computer Science/Library
Science

M.Com :

Commerce

Law/MBA :

Facilities :

- ❖ Study materials for all the main subjects and general paper I are provided from the Institute free of cost.
- ❖ Internet
- ❖ Subject Reading materials in the NET Library
- ❖ Daily Newspapers/periodicals

Course Period :

- A) **June Session** : February to May
B) **December Session** : August to December

Time Table :

General Paper – I

Friday (5 p.m. to 7 p.m.) & Saturday (10 a.m. to 2 p.m.)

Subject Paper – II/III

Monday to Thursday (5 p.m. to 6 p.m.)

FACULTY POSITION:

In accordance with the UGC guidelines the schemes does not have any permanent faculty members, nor any permanent staff. The staff pattern Comprises one Co-ordinator (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. Names of teachers and areas in which they impart instructions are listed below:

For the year 2017-2018
Batch – I
Session : 1st September 2017 to 21st September, 2017

General Paper (Paper – I)

1. Sri ArindamBasak
2. Sri Varun Kr. Roy
3. Sri Rakesh Kr. Mandal
4. Sri Ardhendu Mandal
5. Sri Sudesh Lama
6. Sri ManaranjanSingha

Subject Paper : (Paper II & III)

Department of Bengali:

1. Prof. ManjulaBera
2. Prof. Nikhil Ch. Ray
3. Prof. Utpal Mandal
4. Sri Surya Lama

Department of History:

1. Sri Varun Kr. Roy
2. Sri Sudesh Lama

Department of English:

1. Dr. Bishnupada Roy
2. Sri Binayak Roy

Department of Philosophy:

1. Dr. LaxmikantaPadhi
2. Dr. Nirmal Kr. Roy
3. Dr. Kantilal Das

Department of Nepali:

1. Dr. K. R. Ghatani
2. Sri Dipesh Lama (R.S.)
3. Sri Bikram Biswakarma (R.S.)

Department of Economics:

1. Dr. Sanchari Roy Mukherjee
2. Dr. Sudakshina Ray
3. Sri Karan Tamang

Department of Hindi:

1. Dr. Manisha Jha
2. Dr. Sunil Kr. Dwivedi
3. Sri ManajBiswakarma

Department of Geography:

1. Prof. Deepak Kr. Mandal
2. Prof. Ranjan Roy
3. Dr. Sudip Kr. Bhattacharya
4. Dr. SnehasishSaha
5. Dr. IndrajitRoychoudhury
6. Sri ArindamBasak

Department of Computer Science:

1. Sri Rakesh Kr. Mandal
2. Sri Ardhendu Mandal

Department of Anthropology:

1. Prof. Jaydip Sen
2. Dr. Samar Kr. Biswas
3. Dr. PinakTarafdar

Department of Mathematics:

1. Sri ManaranjanSingha

Department of Chemistry:

1. Prof. P. Ghosh
2. Sri SubhadeepSaha (R.S.)
3. Smt. BijetaMitra (R.S.)
4. Sri B. K. Barman (R.S.)
5. Sri P. Choudhury (R.S.)
6. Miss S. Barman (R.S.)
7. Mr. B. Rajbanshi (R.S.)
8. Mrs. S. Dwivedi (R.S.)
9. Mr. K. Roy (R.S.)

No. of students appeared and qualified in NET Exam after completing coaching classes:

Name of the Deptt.	No. of students appeared					No. of students qualified				
	SC	ST	OBC	GEN	TOTAL	SC	ST	OBC	GEN	TOTAL
Anthropology	02	01	03	01	07	01	-	01	-	02
Bengali	21	02	12	13	48	08	-	04	05	17
Centre for Himalayan Studies	-	-	-	03	03	-	-	-	-	-
Commerce	-	-	02	02	04	-	-	-	-	-
Computer Science	03	01	-	-	04	01	-	-	-	01
DLLE	01	-	-	-	01	-	-	-	-	-
Economics	01	02	05	06	14	-	-	-	01	01
English	05	04	06	05	20	02	01	02	01	06
Geography	08	01	07	04	20	03	-	02	02	07
Hindi	04	06	03	05	18	01	02	01	01	05
History	16	02	14	06	38	06	-	05	03	14
Law	01	02	03	01	07	-	-	-	-	-
Library Science	10	-	03	10	23	-	-	-	-	-
Mass Communication	01	-	01	02	04	-	-	-	-	-
Nepali	03	08	10	12	33	01	01	-	-	02
Philosophy	19	01	07	08	35	06	-	02	04	12
Political Science	12	07	03	10	32	03	02	01	04	10
Sociology	03	01	07	04	15	01	-	-	-	01
Tea Science	-	-	-	02	02	-	-	-	-	-
Mathematics	11	01	09	09	30	02	-	01	02	05
Chemistry	09	02	11	11	33	02	01	02	02	07
Botany	01	-	03	04	08	-	-	-	01	01
Micro-biology	-	-	01	-	01	-	-	-	-	-
Total -	131	41	110	118	400	37	07	21	26	91

Prof. S. De Sarkar (Department of Mathematics) acts as the Co-ordinator of scheme.

INFRASTRUCTURAL FACILITIES:

The coaching scheme at present has the following facilities/equipments sanctioned by the UGC and/or provided by the University:

- ❖ Two Photo-copiers
- ❖ Two Computers with internet facility
- ❖ One laser printer
- ❖ One public-address system with amplifier
- ❖ One LCD Projector with Screen

- ❖ One Laptop
- ❖ One inverter

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. Presently, coaching classes are held in their respective Departments and classes for (General Paper – I) are held in Room No. 109 & 112 in Humanities Building.

Remedial Coaching Scheme for Post-Graduate SC/ST Students, NBU

OFFICE OF THE PROGRAMME COORDINATOR

Information on the Scheme and Activities under taken in 2017-2018

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 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. Consequently, the Co-ordinator of the programme was appointed, an Advisory Committee was constituted as per the UGC guidelines; selection tests were held and finally coaching classes commenced in November, 2005 in Departments.

FACULTY POSITION

In accordance with the UGC guidelines the schemes do not have any permanent faculty members, nor any permanent staff. The staff pattern comprises one Co-ordinator (part- time), one part- time Clerk and part time Attendant. However, teachers belonging to various departments are involved in imparting instruction and training under the coaching scheme.

INFRASTRUCTURAL FACILITIES:

The coaching scheme at present has the following facilities/ equipments sanctioned by the UGC and / or provided by the University:

- One photo-copiers
- Two computers with internet facility
- One laser Printer
- One public- address system with amplifier
- One LCD Projector with Screen
- One Laptop
- One inverter

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 as well as on specialized areas.

No classes could be held in the session 2017- 2018 as no fund was allocated for purpose.

The Scheme of Coaching Classes for Entry into Services
For SC / ST Students

Name of the University / College : University of North Bengal
 Scheme approved in the year : March, 2005
 Actual date of implementation : November, 2005
 Total number of students benefited : Nil

	SC Students enrolled for Coaching	ST Students enrolled for Coaching	General /OBC Students enrolled for Coaching		Teachers engaged	No. of periods taken	No of Tests held	Performance of the Candidates		
			OB C	Gen.				No. of candidates appeared for Examination / Interview	No. of candidates qualified in Examination	No. of candidates actually appointed for the posts
Coaching for Civil Service Exam	Nil	Nil	Nil	Nil	Nil	Nil	Nil	No	No	No
Coaching for SSC, Group B & Group C	No							No		

*Names of Teachers: Nil

HEALTH CENTRE

Statement of Number of Patients examined at the Health Centre, University of North Bengal and earnings from the Pathological tests as well as the Dental treatment during the period 01.04.17 to 31.03.18.

1. Number of Patients examined at the Health Centre was 3635.
2. Number of Patients investigated at the Clinical Pathology Laboratory of Health Centre including ECG was 958.
3. Total amount of earnings from the services at the Clinical Pathology Laboratory were Rs.88,838/-.
4. Number of Samples investigated at the Clinical Pathology Laboratory was 4,828.
5. Total amount of earnings from the Dental Treatment were Rs. 2,055/-

SPORTS BOARD

1. ADVENTURE SPORTS

Cycle Safari Programme

The Sports Board, NBU organized the **8th year Cycle Safari Programme** during 26th to 28th February, 2018. Twenty-nine Students from different Colleges under University of North Bengal were selected through a Selection trial conducted by the Sports Board, NBU. The Cycle Safari team covered (around 230kms.) of two districts (i.e. Darjeeling, Jalpaiguri) in three days. The said team visited 7 Colleges under the Jurisdiction of University of North Bengal and circulated a message among the College Students and Villagers.

Adventure Trek Programme

The Adventure Trek for the Boys & Girls was organized by the Sports Board, NBU during 7th to 9th March, 2018. The University Trekking team with 56 students (29 Boys+ 27 Girls) participated in the said programme. Separate Girls & Boys team trekked 13 kms from Kalijhura to Latpuncture stayed at Latpuncture overnight and returned back by the same route.

2. INTER UNIVERSITY TOURNAMENTS

ATHLETICS

The Five (5) membered NBU Athletics team participated in the **78th All India Inter University Athletics Meet 2017-18.A.N. University** hosted the said Inter University Athletics Meet 2017-18 from 12th December to 16th December, 2017 at Guntur, Andhra Pradesh.

Smt. Anwasha Roy Pradhanof Ananda Chandra College got the **Silver Medal** in the said National Level Competition by securing second position in 200m Sprint (Women) event.

BADMINTON (M&W)

The East Zone Inter University Badminton Tournament held at **KIIT, Bhubaneswar** from 1st to 4th October, 2017. The University Badminton team lost in the Pre-Quarters against **Guwahati University**.

CRICKET (M)

The NBU Cricket team participated in the East Zone Inter University Cricket Tournament for the year 2017-18 held at **KIIT, Bhubaneswar**, during 21st December to 3rd January 2018. The University Cricket team lost in the second match against V.B.S.P. University, Jaunpur.

FOOTBALL (M)

The East Zone Inter University Football (M) Tournament 2017-18 organized by **Rajiv Gandhi University, Arunachal Pradesh** during 27th November to 3rd December, 2017. The University Football team lost in the close contested match in the Quarter Final against **Tripura University**.

KHO-KHO (M)

The **East Zone Inter University Kho-Kho (M) Tournament** 2017-18 was organized by **V.B.S.P. University** during 2nd to 6th December, 2017. The University Kho-Kho(M) team achieved the **3rd Position** in the **East Zone Inter University Kho-Kho Tournament** and qualified for the National Level.

The **All India Inter University Kho-Kho (M) Tournament** 2017-18 was organized by **Mysore University** during 22nd to 24th January, 2018. The University Kho-Kho team lost in the second match against Kerala University.

KHO-KHO (W)

The **East Zone Inter University Kho-Kho (W) Tournament** 2017-18 was organized by **V.B.S.P. University** during 22nd to 26th November, 2017. The University Kho-Kho(W) team achieved the **3rd Position** in the **East Zone Inter University Kho-Kho Tournament** and qualified for the National Level.

The **All India Inter University Kho-Kho (M) Tournament** 2017-18 was organized by **GujraatBidyapeeth** during 4th to 6th December, 2017. The University Kho-Kho team lost in the first match against **Punjab University**.

TABLE TENNIS (M)

The East Zone Inter University Table Tennis(M) Tournament held at **KIIT University, Bhubaneswar** from 5th to 8th January, 2018. The University Table Tennis team lost in the Quarter Final match against **West Bengal State University, Barasat**.

TABLE TENNIS (W)

The East Zone Inter University Table Tennis Tournament held at **Dibrugarh University, Assam** from 20th to 22nd Feb, 2018. The University of North Bengal Women's Team secured 3rd Position in the said Tournament and qualified for National level Tournament.

The **All India Inter University Table Tennis (W) Tournament** 2017-18 was organized in the same venue i.e. **Dibrugarh University** during 25th to 27th February, 2018 and the team secured the **4th Position** in the **All India Inter University Table Tennis (Women) Tournament17-18**.

KABADDI (M)

The NBU Kabaddi men team participated in the **East Zone Inter University Tournament** for the year 2017-18 held at **L.N.Mithila University, Darbhanga** during 12th to 16th November 2017. The University Kabaddi team lost in the second match against **Utkal University**.

3. INTER COLLEGE TOURNAMENTS

ATHLETICS (M&W)

The **49th Inter College Athletic Meet2017-18** was organized by Sports Board in association with the **Jalpaiguri District Sports Association, Jalpaiguri** at their Sports Complex ground on 10th & 11th November 2017. Sixteen Colleges participated in the said Athletic Meet. **Ananda Chandra College** picked-up the championship titles in both Women's & Men's section. **Maynaguri College** won the Runners-up title in both Men's & Women's section. The award of Best Athletes for the year 2017-18 were given to **Sri SouravSaha** and **Smt. Anwasha Roy Pradhan** both of **Ananda Chandra College, Jalpaiguri** in the Men's and Women's section respectively.

BADMINTON (M & W)

The **Gour Ch. Kundu Memorial Inter College Badminton Tournament** for the year 2017-18 was organized by the Sports Board at KhelaGhar, NBU Campus on 4th to 6th September, 2017. In the team Championship, **Alipurduar College**, won the title beating **A.C.College** by (3-2) in the final. In the Individual Category, **Sri Sourav Joshi** of **A.C. College** became Champion and **Sri AkashPaswan** of **A.C. College** was the Runner-up. In the Women's section, **Smt. TanisthaSaha** of **SurysenMahavidyalaya** won the Individual title beating **Smt. Sabrina Dewan**, of **N.B.St. Xaviers College**.

FOOTBALL (M)

Daju Sen Memorial Inter College Football (M) Tournament was organized by the **Falakata College**, at the Town Club Ground and the College Foot-ball ground from 11th September to 19th September, 2017. Twenty Colleges have participated in the said tournament. The **Rajganj College** won the trophy beating the **Falakata College** in the final. **Sri Swapan Chare** of **Rajganj College** took the Man of the Final Match award.

KABADDI (W)

The Sports Board, NBU organized the **Inter College Kabaddi (Women) Tournament** in the Synthetic Surface on 18th January, 2018. **Siliguri College** won the Championship Trophy beating **SukantaMahavidyalaya** in the Final. Ten Colleges took part in the said Tournament. **SmtSampa Barman** of **Siliguri College** was selected for the Best Player award.

KABADDI (M)

The Sports Board, NBU organized the **5th Inter College Kabaddi (Men) Tournament in the NBU Sports Board complex**. The Competition was organised on 6th& 7th November, 2017. **Siliguri College** won the Championship

Trophy beating **SaheedKshudiram College** in the Final. Twelve Colleges took part in the said Tournament. **Sri Anurag Singh** of **Siliguri College** was selected for the Best Player award.

TABLE TENNIS (M) & (W)

The **S.P.Roy Memorial Inter College Table Tennis Tournament, 2017-18** was held at KhelaGhar, NBU Campus on 7th & 8th September, 2018. Eleven Colleges took part in the said Tournament. In the team event, the **Salesian College Siliguri** secured the Championship title beating the **Falakata College**, by 3-0. In the Individual (Men) section **Sri Sayantam Dasgupta** (NBU) became the winner beating **Sri Surajit Ghosh** (Siliguri College) & in the Women category, **Smt. Ankita Biswas** (Siliguri College) became the winner beating **Smt. Puja Paul** of (Siliguri College).

VOLLEYBALL(M)

The **Inter College Volley-ball Tournament 2017-18** was organized by the **Sukanta Mahavidyalaya**, Jalpaiguri on 1st & 2nd February 2018. Twenty four Colleges participated in the said Tournament. **SaheedKshudiram College** the championship title by defeating **Sukanta Mahavidyalaya**, in the final Match. **Shri Biplab Das** (**SaheedKshudiram College**) was selected as Man of the Match in the final Match.

CRICKET (M)

The **Kiran Chandra Memorial Inter College Cricket Tournament** for the year 2017-18 was organized by **Sports Board, NBU** during 8th to 16th December, 2017 at the **NBU Campus**. Sixteen Colleges took part in the said Tournament. **A.C. College** has won the Champion trophy beating **Siliguri College of Commerce** in the Final. The Man of the Final Match award was given to **Sri Samir Shilof** **A.C. College**.

KHO-KHO (M&W)

The **Panu Dutta Majumder Memorial Inter College Kho-Kho (M/W) Tournament 2017-18** was organized by **Siliguri College** on 15th & 16th November, 2017. **Siliguri College** clinched the Champion trophy by beating **Falakata College** in the Men's Final. **Rony Saha** of **Siliguri College** secured the Man of the Final Match.

Siliguri College achieved the Champion trophy by beating **Falakata College** in the Women's Final. **Smt. Mamun Khatun** of **Siliguri College** secured the Player of the Final award.

4. DEMONSTRATION GAME

As per the decision of the Working Committee of the Sports Board, Handball game was introduced as a Demonstration Game in the Women's section for the year 2017-18. **Birpara College** organized the said tournament in a grand manner. Seven Colleges took part in the said Tournament. **Birpara College** won the Championship title beating **P.D. Women's College** in the final with a score of 6-0. **Smt. Sangita Oraon** of **Birpara College** was selected the Player of the Final award.

5. COACHING CAMP

The **Sports Board, NBU** organized Coaching Camps in all the disciplines as mentioned above where the University Teams took part in the **Inter University Tournaments**. All the Camps were organized at the University Campus prior to the Inter University Tournaments. Two Separate Camps were organized for the Kho-Kho (M) & Table-Tennis events for the East Zone Tournament and for All India Inter University Tournament 17-18.

DIRECTORATE OF DISTANCE EDUCATION

1.	Name of the Department	Directorate of Distance Education		
2.	Year of Establishment	2000		
3.	Introduction of the department	<p>The Directorate of Distance Education (DDE) of University of North Bengal is recognised by Distance Education Bureau, University Grants Commission, New Delhi. The University and the DDE are committed to provide education at the U.G. and the P.G. levels under distance mode with a high level of quality assurance. The subject offered are as follows:</p> <p>M.A. (2 yrs.): English, Bengali, Nepali, History, Philosophy, Political Science and Mathematics (a) B.A. (Hons.) degree in the respective subject OR (b) B.A. (Pass/ General Course under 10+2+3 pattern / Old 11+3 pattern) OR (c) 2 years B.A. degree with 1 year Bridge Course, from any recognised university.</p>		
4.	Name of the Faculty			
	Professor	Reader	Sr. Lecturer/ Lecturer	
	--	--	1.	Ms Priyanka Chatterjee (English)
5.	Name of the Research Scholars	Nil		
6.	Name of the Project Scholar	Nil		
7.	Name of the Non Teaching Staff			
	Vacant		Director	
	Mr. Raju Roy		Deputy Director	
	Dr. Debabrata Deb		Assistant Director	
	Ms Chirasree Majumder		Distance Learning Facilitator (DLF)	
	Mr. Pratap Kanungoe		Accountant	
	Mr. Ranjit Singha		Office Assistant	
	Mr. Ujjal Sarkar		Office Assistant Cum Computer Operator	
	Mr. Pravat Kr. Yadav		Office Assistant	
	Mr. Palash Pal		Office Assistant	
	Md. Sahidul		Office Attendant	
	Mr. Biman Ranjan Roy		Office Attendant	
	Mr. Dinesh Saha		Library Attendant	
	Mr. Ankur Das		Library Attendant	
	Mr. Sanjit Roy		Office Attendant	
Mr. Rabi Singha		Office Attendant		
Mr. Laban Kishan Mallick		Sweeper		

8. Student Strength: 2017-18				
Students		Male	Female	Total
Part - I	--	126	544	670
Part - II	--	169	607	776
9. Seminar/ Conferences attended (outside the country and within the country):				
Name of the Teacher	Name of the seminars/ Conference	Venue and Date	Title of the paper presented	
Ms Priyanka Chatterjee (English)	1. The Humanities Matter (?)	VC Conference Hall, NBU/ Feb 10-11, 2018	"Reading a Marginal Existence: Provocations within a Provincial University"	
10. Organized Seminar/ Conferences:				
Name of the Seminar	Date of the Seminar/ Conference			--
Nil	N/A			--
11. Publication:				
Name of the Author	Name of the Book/ Journal/ Volume			Year of Publication
Ms Priyanka Chatterjee (English)	1. Review Article of Jasodhara Bagchi's <i>Interrogating Motherhood</i> (2017) in <i>Asian Journal of Women Studies</i> , Routledge [ISSN: 1225-9276]			2017
	2. "Towards A Kindlier Self: Analysing Partition through Ashwin Sanghi's <i>The Sialkot Saga</i> " in <i>Café Dissensus</i> [ISSN 2373-177X]			2017
	3. "Countering Teenage Internet Intoxication" in <i>Counselling: Approaching Mental Health Issues of the Present Generation</i> (2016), Ed. Jyotsna Saha, Ciderpress [ISBN: 13: 978-8193244913]			2017
12. Research Projects (Major & Minor)				
Major Research Project				
Title of the Scheme Project	Sanctioned Authority			--
Nil	N/A			--
Minor Research Project				
Title of the Scheme Project	Sanctioned Authority			--
Nil	N/A			--
13. Visiting Fellow:				
Name of the Visiting Fellow	Duration			--
Nil	N/A			--
14. Any other information – Awards Received: Nil				

UGC HUMAN RESOURCE DEVELOPMENT CENTRE

1. Name of the Department : UGC Human Resource Development Centre.
2. Date of Establishment : 17th November, 2009
3. Introduction of the department : To conduct Refresher Courses, Orientation Programmes, Disaster Management for the College / University Teachers, Principals' Workshop and Short Term Courses for the Non-Teaching Staffs and Research Scholars.

4. Name of the Faculty :

Professor	Associate Professor	Assistant Professor
Prof. Kantilal Das (Director (A/C))	Dr. Manisha Jha (Deputy Director (A/C))	Dr. Sujit Kumar Biswas (Assistant Director (Honorary))

5. Name of the Research Scholars : N/A
6. Name of the Project Scholars : N/A
7. Name of the Non-Teaching Staff :

Name	Designation
Sanjoy Roy Hakim	Jr. Peon
Pankaj Mandal	Office Assistant (Casual)
Bikram Roy	Peon (Casual)
Alokananda Chaudhury	Hostel Attendant (Casual)
Sanjit Kumar Mallik	Sweeper (Casual)

8. Students Strength : N/A
9. Seminar / Conferences attended (Outside the Country & within the Country) : N/A
10. Organized OPs / RCs : 4 OPs, 9 RCs & 2 Short term Courses.
11. Publication : N/A
12. Research Projects (Major & Minor) : N/A
13. Visiting Fellow : A considerable number of Resource Persons visited HRDC for giving lectures in RC's and OP's and Short Term Courses.
14. Any other information : A well-equipped library and Computer Lab. serving the purpose of the College / University teachers, Principals, non-teaching staff, Research Scholars etc. Independent Guest for HRDC. A smart class (under RUSA).

Examination Branch
(System of Examination - Semester)

Sl. No.	Name of Examination	Examination dates		Result published on	Total No. of candidates appeared	Percentage of qualified candidates
		Commencement of examination	Examination end on			
01.	Anthropology	10.07.2017	17.07.2017	03.08.2017	12	100
02.	Bengali	10.07.2017	21.07.2017	10.11.2017	122	100
03.	Biotechnology	10.07.2017	10.07.2017	25.08.2017	6	100
04.	Botany (D.G.C.)	04.01.2018	06.01.2018	21.03.2018	27	100
05.	Botany (N.B.U.)	20.07.2017	26.07.2017	11.09.2017	29	100
06.	Chemistry	11.07.2017	14.07.2017	25.08.2017	45	100
07.	Commerce	17.07.2017	28.07.2017	07.09.2017	39	100
08.	Computer Science	10.07.2017	12.07.2017	03.09.2017	11	100
09.	Economics	10.07.2017	31.07.2017	15.09.2017	21	100
10.	English	11.07.2017	17.07.2017	18.09.2017	124	99.19
11.	Geography & Applied Geography	17.07.2017	24.07.2017	10.08.2017	66	100
12.	Hindi	11.07.2017	18.07.2017	03.08.2017	34	100
13.	History	10.07.2017	26.07.2017	15.09.2017	86	100
14.	LL.M.	07.07.2017	12.07.2017	21.09.2017	17	100
15.	M.B.A.	15.05.2017	26.05.2017	23.06.2017	26	88.46
16.	M.C.A. Semester VI	26.05.2017	29.05.2017	28.06.2017	29	79.31
17.	M.L.I.S.	17.07.2017	21.07.2017	17.10.2017	36	97.22
18.	Mass Communication	11.07.2017	18.07.2017	14.09.2017	22	100
19.	Mathematics	10.07.2017	17.07.2017	14.09.2017	40	100
20.	Microbiology	11.07.2017	11.07.2017	29.08.2017	20	100
21.	Nepali	11.07.2017	24.07.2017	14.08.2017	56	96.43
22.	Philosophy	10.07.2017	26.07.2017	30.08.2017	46	100
23.	Physics	17.07.2017	20.07.2017	29.08.2017	42	100
24.	Political Science	12.07.2017	24.07.2017	17.07.2017	60	100
25.	Rural Development	17.07.2017	19.07.2017	17.10.2017	10	100
26.	Sanskrit	11.07.2017	20.07.2017	12.09.2017	28	100
27.	Sociology	11.07.2017	18.07.2017	25.09.2017	32	96.88
28.	Strategic Area Studies	10.07.2017	19.07.2017	11.08.2017	5	100
29.	Tea Science	11.07.2017	11.07.2017	26.08.2017	4	100
30.	Zoology (D.G.C.)	04.01.2018	10.01.2018	11.03.2018	23	100
31.	Zoology (N.B.U.)	10.07.2017	14.07.2017	26.08.2017	31	100
32.	P.G.D.T.M.	02.08.2017	11.08.2017	31.07.2017	20	80

**P.G. (Distance Education), 2017
(System of Examination - Annual)**

Sl. No.	Name of Examination	Examination dates		Result published on	Total No. of candidates appeared	Percentage of qualified candidates
		Commencement of examination	Examination end on			
01.	Bengali	06.03.2018	15.03.2018	27.08.2018	204	47.54
02.	English	06.03.2018	15.03.2018	13.08.2018	188	91.49
03.	History	06.03.2018	15.03.2018	13.08.2018	157	80.25
04.	Mathematics	06.03.2018	16.03.2018	14.08.2018	34	91.17
05.	Nepali	06.03.2018	14.03.2018	21.08.2018	53	64.15
06.	Philosophy	06.03.2018	14.03.2018	14.08.2018	75	78.66
07.	Political Science	06.03.2018	14.03.2018	14.08.2018	146	81.5

(System of Examination - Annual)

Sl. No.	Name of Examination	Examination dates		Result published on	Total No. of candidates appeared	Percentage of qualified candidates
		Commencement of examination	Examination end on			
01.	B.A. Part-I (Hons.)	04.04.2017	02.06.2017(Th.) 24.06.2017(Pr.)	12.08.2017	13,144	57.68
02.	B.A. Part-I (Gen.)	25.04.2017	02.06.2017(Th.) 15.07.2017(Pr.)	12.08.2017	44,853	44.42
03.	B.A. Part-II (Hons.)	06.04.2017	02.06.2017(Th.) 24.06.2017(Pr.)	12.08.2017	8,573	82.14
04.	B.A. Part-II (Gen.)	24.04.2017	02.06.2017(Th.) 15.07.2017(Pr.)	12.08.2017	23,757	78.7
05.	B.A. Part-III (Hons.)	03.04.2017	21.04.2017(Th.) 13.06.2017(Pr.)	17.06.2017	9,218	82.59
06.	B.A. Part-III (Gen.)	03.04.2017	21.04.2017(Th.) 13.06.2017(Pr.)	17.06.2017	29,710	50.16
07.	B.Sc. Part-I (Hons.)	04.04.2017	02.06.2017(Th.) 16.06.2017(Pr.)	12.08.2017	1,994	45.8
08.	B.Sc. Part-I (Gen.)	25.04.2017	02.06.2017(Th.) 15.07.2017(Pr.)	12.08.2017	1,007	38.01
09.	B.Sc. Part-II (Hons.)	06.04.2017	02.06.2017(Th.) 16.06.2017(Pr.)	12.08.2017	1,218	84.06

10.	B.Sc. Part-II (Gen.)	25.04.2017	02.06.2017(Th.) 15.07.2017(Pr.)	12.08.2017	706	81.73
11.	B.Sc. Part-III (Hons.)	03.04.2017	21.04.2017(Th.) 13.06.2017(Pr.)	17.06.2017	1,386	86.87
12.	B.Sc. Part-III (Gen.)	03.04.2017	21.04.2017(Th.) 13.06.2017(Pr.)	17.06.2017	642	85.51
13.	B.Com. Part-I (Hons.)	12.04.2017	02.06.2017(Th.)	12.08.2017	1,191	44.24
14.	B.Com. Part-I (Gen.)	25.04.2017	02.06.2017(Th.)	12.08.2017	2,232	41.33
15.	B.Com. Part-II (Hons.)	06.04.2017	02.06.2017(Th.)	12.08.2017	860	76.34
16.	B.Com. Part-II (Gen.)	24.04.2017	02.06.2017(Th.)	12.08.2017	1,051	82.49
17.	B.Com. Part-III (Hons.)	03.04.2017	21.04.2017(Th.)	17.06.2017	655	86.87
18.	B.Com. Part-III (Gen.)	03.04.2017	21.04.2017(Th.)	17.06.2017	971	82.49
19.	B.A.,LL.B. (Hons.)	05.07.2017	20.07.2017	10.08.2017	57	98.25
20.	B.A.,LL.B. (Gen.)	05.07.2017	16.07.2017	10.08.2017	72	97.22
21.	LL.B. (3 Years)	07.07.2017	20.07.2017	10.08.2017	44	86.36
22.	B.B.A.,LL.B.	05.07.2017	18.07.2017	10.08.2017	05	100
23.	B.Com., LL.B	05.07.2017	18.07.2017	10.08.2017	24	100
24.	B.Ed.	21.08.2017	26.08.2017	12.12.2017	1,019	98.03
25.	B.P.Ed.	24.08.2017	27.08.2017	11.01.2018	69	100
26.	B.C.A.	06.06.2017	16.06.2017	29.08.2017	61	83.6
27.	B.B.A.	12.06.2017	14.06.2017	07.08.2017	161	67.28
28.	BLIS	10.07.2017	28.07.2017	10.08.2017	34	100

Finance Branch, University of North Bengal , Raja Rammohanpur, Darjeeling, CONSOLIDATED BALANCE SHEET AS ON 31/03/2018

1:1

LIABILITIES	Schedule	Previous Year (₹)	Amount (₹)	Current Year (₹)	ASSETS	Schedule	Amount (₹)	Previous Year (₹)	Amount (₹)	Current Year (₹)
General (Main) Fund A/c - NBU					Fixed Assets	8		1,270,172,610.31		1,314,077,059.31
Revenue		55,135,747.79		26,466,218.79						
Capital		189,101,160.83		165,643,346.83	Capital Work-in-Progress	10		229,731,226.00		272,136,286.00
General (Main) Fund - NBUMC A/c					Investment	7		1,484,329,055.00		1,538,709,739.00
Revenue		101,566.93		101,566.93						
Capital		840,998.02		840,998.02						
General Reserve Fund - NBU		246,944,701.14		321,689,859.58						
Capital Assets Fund	9	1,270,172,610.31		1,314,077,059.31	Loans & Advances	2		53,221,494.64		53,085,366.14
Earmarked Fund										
UGC Projects Account										
General		274,717.85		1,289,130.85						
Capital		(7,531,322.24)		(2,283,977.24)	Cash at Bank	6	599,175,369.18		645,311,285.94	
Project & Scheme	3	(962,845.63)		(307,371.63)	Treasury	6	250,047,649.09		245,081,513.09	
Non-UGC Projects Account										
General		717,842.00		717,842.00	SBI Collection A/c		559.50		559.50	
Projects & Schemes	3	36,127,792.91		45,082,976.55						
Deposited in works Fund		-		2,000,000.00						
C.S.I.R. Account								849,223,577.77		890,393,358.53
General		534,175.75		644,178.00						
Research Project Fund	3	(131,600.61)		(131,600.61)						
Research Scholar Fund	3	(764,437.86)		(224,915.86)						
UGC SAP Account		199,974.00		199,974.00						
N.S.S. Account										
General		3,138,524.00		3,540,763.00						
Projects & Schemes	3	9,681.00		17,681.00						
University Innovative Programme A/c										
General		(873,811.29)		(928,963.29)						
Projects & Schemes	3	5,085,155.00		5,085,155.00						
Development of Infra. Fac. Fund A/c										
General		371,998,823.67		389,806,853.99						
Capital		2,793,859.00		1,357,752.00						
Total C/F		2,172,913,312.57		2,274,684,527.22	Total C/F			3,886,677,963.72		4,068,401,808.98

LIABILITIES	Schedule	Previous Year (')	Amount (')	Current Year (')	ASSETS	Schedule	Amount (')	Previous Year (')	Amount (')	Current Year (')
Total B/F		2,172,913,312.57		2,274,684,527.22	Total B/F			3,886,677,963.72		4,068,401,808.98
<u>Endowment Fund A/c</u>		1,759,221.00		1,759,221.00						
<u>Pension & Gratuity Fund A/c</u>		776,752,199.62		836,269,950.62						
<u>Misc. Self Financed Courses A/c</u>		2,927,706.00		3,022,794.00						
<u>Jt. Self Financed Courses A/c</u>		62,586,707.79		62,770,838.79						
<u>Prof N.H.C.For M.S. Courses A/c</u>		6,069,803.00		6,304,608.00						
<u>D.D.E. Account</u>		337,175,881.29		337,384,899.29						
<u>CIIT DBT Account</u>		69,629.93		72,222.93						
<u>E.P.F Account</u>		266,845,053.09		262,474,680.09						
<u>NAIP Account</u>										
ICAR Project	3	(64,044.00)		(63,704.00)						
<u>SBD Fund Account</u>										
Capital		21,148,179.54		26,139,805.54						
<u>UGC HRDC Account</u>										
Projects & Schemes	3	(5,917,617.00)		(4,296,484.00)						
<u>NBU Jalpaiguri Campus A/c</u>										
General		(2,992,869.87)		(2,320,268.87)						
Capital		68,159,694.00		67,059,694.00						
<u>RUSA Fund Account</u>										
General		2,531,859.00		4,375,898.00						
Capital		70,842,067.00		99,968,024.00						
<u>Current Liabilities & Provision</u>	4	105,592,127.76		92,514,362.37						
<u>Loan (Liability)</u>	5	279,053.00		280,740.00						
		3,886,677,963.72		4,068,401,808.98				3,886,677,963.72		4,068,401,808.98

Sd/-
(D. Basak)
Sr. Assistant

Sd/-
(S. Das)
Accounts Officer

Sd/-
(Dr. S. N. Saha)
Audit & Accounts Officer
& Finance Officer (Offg.)

UNIVERSITY OF NORTH BENGAL
RAJA RAMMOHANPUR, DARJEELING CONSOLIDATED
 INCOME & EXPENDITURE ACCOUNT
For the Period from 01/04/17 to 31/03/18

EXPENDITURE	2016 - 2017		2017 - 2018		INCOM E	2016 - 2017		2017 - 2018	
	Rs.	AMOUNT	Rs.	AMOUNT		Rs.	AMOUNT	Rs.	AMOUNT
To Revenue Expenditure					By Revenue Income				
NBU General (Main) Fund	703,768,419.87		726,353,399.56		NBU General (Main) Fund	802,005,857.50		786,169,413.00	
NBU C.S.I.R.	-		3,363.75		NBU C.S.I.R.	125,609.00		113,366.00	
NBU N.S.S.	157,752.00		212,448.00		NBU N.S.S.	985,917.00		614,687.00	
NBU UIP Fund	133,669.00		161,064.00		NBU UIP Fund	282,672.00		105,912.00	
NBU Develop. of Infra. Fac. Fund	11,035,792.00		5,409,258.68		NBU Develop. of Infra. Fac. Fund	27,074,588.00		4,673,588.00	
NBU Misc. Self Financed Courses	(8,650.00)		-		NBU Misc. Self Financed Courses	133,804.00		52,686.00	
NBU Jt. Self Financed Courses	-		-		NBU Jt. Self Financed Courses	17,446,442.00		49,517,751.00	
NBU Prof. N.H.C. For M.S. Courses	-		-		NBU Prof. N.H.C. For M.S. Courses	1,103,105.00		95,088.00	
NBU DDE	7,985,499.00		9,092,901.00		NBU DDE	4,140,303.00		184,131.00	
NBU Endowment Fund	-		-		NBU Endowment Fund	305,193.00		234,805.00	
NBU E.P.F.	-		-		NBU E.P.F.	31,444,192.00		10,577,389.00	
NBU Jalpaiguri Campus	158.87		-		NBU Jalpaiguri Campus	502,263.00		672,601.00	
NBU RUSA Fund	309,236.00		-		NBU RUSA Fund	2,762,286.00		1,844,039.00	
NBU SBD Fund	717,206.96	724,099,083.70	915,900.00	742,148,334.99	NBU SBD Fund	20,613,179.00		25,863.00	
To Transferred to :					By Revenue Income				
Capital Fund	13,431,942.00		4,427,730.00		NBU Prof. N.H.C.M.S. Courses	3,371.00		2,593.00	
Pension & Gratuity Fund	10,000,000.00		10,000,000.00		NBU Prof. N.H.C.M.S. Courses	3,760,380.00	912,689,161.50	3,337,526.00	858,221,438.00
Sports Board Development Fund	1,910,000.00		2,570,000.00		NBU DDE				
General Reserve Fund	57,140,338.63	82,482,280.63	61,487,812.44	78,485,542.44	NBU Jalpaiguri Campus				
To Contribution to DIF Fund from					NBU RUSA Fund				
NBU General Fund	10,000,000.00		10,000,000.00		NBU E.P.F.				
NBU Misc. Self Financed Courses	93,140.00		-		NBU CIIT				
NBU Jt. Self Financed Courses	-		-		NBU DBT				
NBU DDE	800,066.00	10,893,206.00	956,170.00	10,956,170.00	NBU SBD Fund				
To Contribution to NBU General Fund from									
NBU Endowment Fund		133,804.00		52,686.00					
To Net Surplus		95,080,787.17		26,578,704.57					
		912,689,161.50		858,221,438.00			912,689,161.50		858,221,438.00

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& Finance Officer (Offg.)

UNIVERSITY OF NORTH BENGAL
RAJA RAMMOHANPUR, DARJEELING
CONSOLIDATED RECEIPTS & PAYMENT ACCOUNT
For the year ended 31.3.2018

Receipts	Schedule	Amount (₹)	Previous Year (₹)	Amount (₹)	Current Year (₹)	Payments	Schedule	Amount (₹)	Previous Year (₹)	Amount (₹)	Current Year (₹)
To Opening Balance:		32,272.00		-		By Revenue	1		724,099,083.70		742,148,334.99
Cash in Hand	6	478,178,658.84		599,175,369.18		Payments By	1				
at Bank	6	231,952,466.09	710,163,956.43	250,047,649.09	849,223,577.77	Capital	2		166,772,355.00		173,336,804.00
Treasury SBI Collection A/c		559.50		559.50		Payments By			47,125,029.57		38,667,044.00
To Revenue Receipts	1		912,689,161.50		858,221,438.00	Loans & Advances	3		34,270,416.00		23,784,206.50
To Capital Receipts	1		277,120,214.00		195,809,086.00	By Payments on Projects	7		1,795,152,735.00		984,376,009.00
To Recovery of Advances	2		43,755,325.57		38,811,403.50	By Investment	4		159,600,473.00		149,565,884.14
To Receipts on Projects	3		42,186,398.50		35,563,859.14	By Current Liabilities	5		-		-
To Investments	7		1,781,311,819.00		929,995,325.00	By Loan (Liability)	10		181,928,738.00		41,841,167.00
To Current Liabilities	4		190,945,533.04		136,488,118.75	By Capital Work-In-Progress		599,175,369.18		645,311,285.94	
To Loan (Liability)	5		-		-		6	250,047,649.09		245,081,513.09	
						By Closing Balance	6	559.50		559.50	
						Cash at Bank Treasury SBI Collection A/c	6		849,223,577.77		890,393,358.53
			3,958,172,408.04		3,044,112,808.16				3,958,172,408.04		3,044,112,808.16

Sd/-
(D. Basak)
Sr. Assistant

Sd/-
(S. Das)
Accounts Officer

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& Finance Officer (Offg.)

CAPITAL AND REVENUE RECEIPTS & PAYMENTS

Fund	2016 - 2017				2017 - 2018			
	Revenue Receipts	Revenue Payments	Capital Receipts	Capital Payments	Revenue Receipts	Revenue Payments	Capital Receipts	Capital Payments
1 General (Main) Fund	802,005,857.50	703,768,419.87	156,821,096.00	81,291,001.00	786,169,413.00	726,353,399.56	75,853,096.00	113,051,294.00
2 UGC Projects	-	-	9,590,296.00	26,797,325.00	-	-	12,445,261.00	6,183,503.00
3 CSIR	125,609.00	-	-	-	113,366.00	3,363.75	-	-
4 NSS	985,917.00	157,752.00	-	-	614,687.00	212,448.00	-	-
5 University Innovative Programme	282,672.00	133,669.00	-	-	105,912.00	161,064.00	-	-
6 Endowment Fund	133,804.00	-	205,000.00	265,409.00	52,686.00	-	-	59,230.00
7 DIF Fund	27,074,588.00	11,035,792.00	25,140,848.00	2,223,096.00	4,673,588.00	5,409,258.68	21,236,755.00	1,948,576.00
8 Pension & Gratuity Fund	17,446,442.00	-	10,000,000.00	-	49,517,751.00	-	10,000,000.00	-
9 Misc. Self Financed Courses	1,103,105.00	(8,650.00)	-	92,000.00	95,088.00	-	-	128,180.00
10 Jt. Self Financed Courses	4,140,303.00	-	-	-	184,131.00	-	-	3,105.00
11 Prof.N.H.C. For M.S. Courses	305,193.00	-	-	-	234,805.00	-	-	-
12 DDE	31,444,192.00	7,985,499.00	-	-	10,577,389.00	9,092,901.00	-	1,888,663.00
13 E.P.F.	20,613,179.00	-	23,452,974.00	26,399,289.00	25,863.00	-	23,703,974.00	28,100,210.00
14 CIIT DBT	3,371.00	-	-	-	2,593.00	-	-	-
15 SBD Fund	3,760,380.00	717,206.96	1,910,000.00	-	3,337,526.00	915,900.00	2,570,000.00	-
16 NBU Jalpaiguri Campus	502,263.00	158.87	-	-	672,601.00	-	-	1,100,000.00
17 RUSA Fund	2,762,286.00	309,236.00	50,000,000.00	29,704,235.00	1,844,039.00	-	50,000,000.00	20,874,043.00
	912,689,161.50	724,099,083.70	277,120,214.00	166,772,355.00	858,221,438.00	742,148,334.99	195,809,086.00	173,336,804.00

Schedule- 2

LOANS & ADVANCES

Fund	Opening Balance	2016 - 2017			Closing Balance	2017 - 2018			Closing Balance
		Payments	Receipts	Adjustment/ Transfer		Payments	Receipts	Adjustment/Transfer	
1 General (Main) Fund									
a) Advances & Suspense	16,301,516.70	34,434,440.57	33,983,091.07	-	16,752,866.20	27,898,341.00	28,029,085.00	8,231.00	16,630,353.20
b) Security Deposit	4,010,316.00	50,000.00	-	-	4,060,316.00	36,703.00	-	-	4,097,019.00
c) Stock Suspense	4,212,191.13	749,371.00	876,631.00	-	4,084,931.13	2,134,944.00	1,197,824.00	-	5,022,051.13
2 UGC Projects	336,618.00	685,000.00	563,662.00	-	457,956.00	89,620.00	321,620.00	-	225,956.00
3 NON-UGC Projects	430,365.00	2,706,326.00	1,254,015.50	-	1,882,675.50	269,888.00	1,118,563.50	-	1,034,000.00
4 CSIR	26,864.21	-	-	-	26,864.21	-	-	-	26,864.21
5 UGC SAP	174,348.10	81,376.00	83,376.00	-	172,348.10	620,000.00	619,477.00	-	172,871.10
6 University Innovative Programme	133,906.00	1,094.00	-	-	135,000.00	18,178.00	121,660.00	-	31,518.00
7 Jt. Self Financed Courses	8,203.00	-	-	-	8,203.00	-	-	-	8,203.00
8 Misc. Self Financed Courses	146,048.00	65,233.00	111,404.00	-	99,877.00	-	-	-	99,877.00
9 Prof. N.H.C. For M.S. Courses	17,138.00	-	-	-	17,138.00	-	-	-	17,138.00
10 DDE	861,879.00	1,599,427.00	1,372,294.00	-	1,089,012.00	1,235,702.00	1,519,162.00	-	805,552.00
11 DIF Fund	107,118.50	-	43,705.00	-	63,413.50	-	-	-	63,413.50
12 E.P.F.	15,046,221.00	6,010,446.00	4,829,213.00	-	16,227,454.00	5,296,474.00	4,726,574.00	-	16,797,354.00
13 UGC HRDC	6,058.00	436,816.00	371,058.00	-	71,816.00	700,000.00	771,814.00	-	2.00
14 Endowment Fund	-	-	-	-	-	78.00	-	-	78.00
15 SBD Fund	-	190,000.00	151,376.00	-	38,624.00	175,116.00	193,624.00	-	20,116.00
16 NBU Jalpaiguri Campus	8,033,000.00	-	-	-	8,033,000.00	-	-	-	8,033,000.00
17 NSS	-	115,500.00	115,500.00	-	-	192,000.00	192,000.00	-	-
	49,851,790.64	47,125,029.57	43,755,325.57	-	53,221,494.64	38,667,044.00	38,811,403.50	8,231.00	53,085,366.14

Schedule- 3

PROJECTS & SCHEMES

Fund	Opening Balance	2016 - 2017			Closing Balance	2017 - 2018			Closing Balance
		Receipts	Payments	Adjustment		Receipts	Payments	Adjustment	
1 UGC Projects	242,302.37	3,528,498.00	4,733,646.00	-	(962,845.63)	3,341,086.00	2,685,612.00	-	(307,371.63)
2 Non-UGC Projects	22,573,742.91	36,482,198.00	22,928,148.00	-	36,127,792.91	18,490,329.14	9,535,145.50	-	45,082,976.55
3 CSIR:									
Research Project Fund	(57,368.61)	-	74,232.00	-	(131,600.61)	-	-	-	(131,600.61)
Research Scholar Fund	(2,008,888.86)	1,957,733.00	713,282.00	-	(764,437.86)	1,048,467.00	508,945.00	-	(224,915.86)
4 NAIP	(64,485.00)	441.00	-	-	(64,044.00)	340.00	-	-	(63,704.00)
5 UGC HRDC	(384,037.50)	123,028.50	5,656,608.00	-	(5,917,617.00)	12,166,637.00	10,545,504.00	-	(4,296,484.00)
6 NSS	79,681.00	94,500.00	164,500.00	-	9,681.00	517,000.00	509,000.00	-	17,681.00
7 University Innovative Programme	5,085,155.00	-	-	-	5,085,155.00	-	-	-	5,085,155.00
	25,466,101.31	42,186,398.50	34,270,416.00	-	33,382,083.81	35,563,859.14	23,784,206.50	-	45,161,736.45

Schedule- 4

CURRENT LIABILITIES & PROVISIONS

Name of the Fund	Opening Balance	2016 - 2017			Closing Balance	2017 - 2018			Closing Balance
		Receipts	Payments	Adjustment/ Transfer		Receipts	Payments	Adjustment/Transfer	
1 General (Main) Fund									
a) Other Liabilities	25,904,562.87	126,385,642.00	99,661,195.00	-	52,629,009.87	102,690,905.00	111,875,577.00	-	43,444,337.87
b) Loans & Deposits	13,633,956.04	35,549,193.00	33,587,208.00	-	15,595,941.04	12,805,511.00	11,478,220.00	-	16,923,232.04
c) Scholarship & Stipend	1,434,849.34	-	-	-	1,434,849.34	-	-	-	1,434,849.34
d) Payable fund	(2,400.00)	4,898,464.00	2,125.00	-	4,893,939.00	3,907,523.00	8,685,613.00	-	115,849.00
2 UGC Projects	4,202,099.90	6,237,729.54	6,338,635.00	-	4,101,194.44	1,365,251.71	191,419.00	-	5,275,027.15
3 NON-UGC Projects	3,928,213.14	2,810,472.50	1,839,672.00	-	4,899,013.64	2,930,769.79	4,937,487.14	-	2,892,296.29
4 CSIR	38,078.00	-	-	-	38,078.00	-	-	-	38,078.00
5 UGC SAP	1,077,258.06	8,122,138.00	6,441,225.00	-	2,758,171.06	4,900,933.25	8,296,434.00	-	(637,329.69)
6 Misc. Self Financed Courses	704,673.00	367,630.00	120,651.00	-	951,652.00	-	-	-	951,652.00
7 NSS	12,468,412.00	3,313,125.00	3,695,172.00	-	12,086,365.00	3,313,125.00	1,687,500.00	-	13,711,990.00
8 University Innovative Program.	43,920.00	1,320.00	1,320.00	-	43,920.00	1,320.00	1,320.00	-	43,920.00
9 Jt. Self Financed Courses	1,600.00	-	-	-	1,600.00	-	1,600.00	-	-
10 Prof N.H.C. For M.S. Courses	291,367.00	-	-	-	291,367.00	-	-	-	291,367.00
11 DDE	1,331,881.37	2,448,436.00	2,472,610.00	-	1,307,707.37	1,777,373.00	1,889,594.00	-	1,195,486.37
12 DIF Fund	1,220,029.00	84,526.00	235,330.00	-	1,069,225.00	332,365.00	179,574.00	-	1,222,016.00
13 NAIP	705.00	-	-	-	705.00	-	-	-	705.00
14 SBD Fund	5,607.00	5,700.00	9,707.00	-	1,600.00	4,700.00	5,900.00	-	400.00
15 NBU Jalpaiguri Campus	122,083.00	28,374.00	9,348.00	-	141,109.00	35,021.00	-	-	176,130.00
16 RUSA Fund	6,177,569.00	4,684.00	5,122,067.00	-	1,060,186.00	-	240,000.00	-	820,186.00
17 UGC HRDC	1,662,604.00	688,099.00	64,208.00	-	2,286,495.00	2,423,321.00	95,646.00	-	4,614,170.00
	74,247,067.72	190,945,533.04	159,600,473.00	-	105,592,127.76	136,488,118.75	149,565,884.14	-	92,514,362.37

Schedule-5

LOANS (LIABILITY)

Particulars	Opening Balance	2016 - 2017			Closing Balance	2017 - 2018			Closing Balance
		Receipts	Payments	Adjustment		Receipts	Payments	Adjustment	
Loan from NBU General to									
- CSIR	48,596.00	-	-	-	48,596.00	-	-	-	48,596.00
- Jt. Self. Financed Courses	52,122.00	-	-	-	52,122.00	-	-	-	52,122.00
Unreconciled Bank Balance against Old Current Bank A/c									
- Employees Provident Fund	178,335.00	-	-	-	178,335.00	-	-	-	178,335.00
O/S Contribution to NBU General Fund	-	-	-	-	-	-	-	1,687.00	1,687.00
	279,053.00	-	-	-	279,053.00	-	-	1,687.00	280,740.00

Schedule- 6

CASH, BANK & TREASURY BALANCES

Fund	As on 01/04/2016			As on 31/03/2017			As on 31/03/2018		
	Cash	Bank	Treasury	Cash	Bank	Treasury	Cash	Bank	Treasury
1 General (Main) Fund	32,272.00	303,187,402.00			382,615,735.13			377,693,465.57	
2 UGC Projects		11,212,234.88			3,159,442.42			2,427,750.13	
3 NON-UGC Projects		23,008,294.05			36,942,257.05			44,554,184.84	
4 CSIR		1,402,119.07			2,697,947.07			347,471.32	
5 UGC SAP		1,102,883.96			315,586.96			1,851,111.21	
6 N.S.S.		14,858,452.00			15,239,570.00			17,270,434.00	
7 University Innovative Programme		1,886,555.71			1,830,852.71			1,835,471.71	
8 DIF Fund		25,676,825.17			40,202,690.17			61,031,198.49	
9 Endowment Fund		232,870.00			189,974.00			137,940.00	
10 N.A.I.P.		8,670.00			9,111.00			9,451.00	
11 Pension & Gratuity Fund		10,292,336.62			20,737,663.62			31,575,180.62	
12 Misc.Self Financed Courses		1,383,741.00			2,557,819.00			2,563,727.00	
13 Jt. Self Financed Courses		5,469,359.79			5,696,170.79			5,875,596.79	
14 Prof. N.H.C. For M.S. Courses		6,038,839.00			6,344,032.00			6,578,837.00	
15 D.D.E.		9,003,224.66			12,069,487.66			11,548,615.66	
16 E.P.F.		2,357,837.00	231,952,466.09		748,285.00	250,047,649.09		774,148.00	245,081,513.09
17 CIIT DBT		66,258.93			69,629.93			72,222.93	
18 SBD Fund		2,248,457.50			6,137,701.54			5,998,858.54	
19 NBU Jalpaiguri Campus		667,109.00			1,188,239.13			795,861.13	
20 UGC HRDC	-	1,272,508.50			72,062.00			317,684.00	
21 RUSA Fund		56,802,680.00			60,351,112.00			72,052,076.00	
	32,272.00	478,178,658.84	231,952,466.09	-	599,175,369.18	250,047,649.09	-	645,311,285.94	245,081,513.09

INVESTMENT

	Fund	Investment	Opening Balance	2016 - 2017		Closing Balance	2017 - 2018		Closing Balance
				Investment Amount	Maturity Amount		Investment Amount	Maturity Amount	
1	General (Main) Fund	S.B.I. Campus Br.	50,221,591.00	54,361,002.00	104,576,555.00	6,038.00	257,322,113.00	257,322,113.00	6,038.00
		Central Bank (COFAM)	250,570.00	314,596.00	250,570.00	314,596.00	-	-	314,596.00
2	Endowment Fund	S.B.I. Campus Br.	1,461,187.00	1,577,478.00	1,461,187.00	1,577,478.00	656,051.00	610,639.00	1,622,890.00
3	Pension & Gratuity Fund	S.B.I. Campus Br.	739,013,421.00	222,197,547.00	205,196,432.00	756,014,536.00	711,253,509.00	662,573,275.00	804,694,770.00
4	Jt. Self Financed (Off Campus) Courses	S.B.I. Campus Br.	53,025,669.00	56,939,161.00	53,025,669.00	56,939,161.00	-	-	56,939,161.00
5	DDE :	S.B.I. Campus Br.	111,944,356.00	323,029,286.00	111,944,356.00	323,029,286.00	-	-	323,029,286.00
		Axis Bank	194,808,973.00	796,275,762.00	987,219,569.00	3,865,166.00	4,153,102.00	3,865,166.00	4,153,102.00
6	Development for Infrast. Facilities Fund	S.B.I. Campus Br.	298,804,713.00	321,161,821.00	298,804,713.00	321,161,821.00	-	-	321,161,821.00
7	Sports Board Development Fund	S.B.I. Campus Br.	13,952,156.00	12,848,563.00	11,827,265.00	14,973,454.00	7,263,068.00	2,124,891.00	20,111,631.00
8	Non-UGC Projects	S.B.I. Campus Br.	3,708,689.00	2,847,266.00	3,708,689.00	2,847,266.00	3,032,480.00	2,847,266.00	3,032,480.00
9	University Innovative Programme	S.B.I. Campus Br.	2,085,799.00	2,289,411.00	2,085,799.00	2,289,411.00	695,686.00	651,975.00	2,333,122.00
10	Misc.Self Financed Courses	S.B.I. Campus Br.	1,211,015.00	1,310,842.00	1,211,015.00	1,310,842.00	-	-	1,310,842.00
TOTAL			1,470,488,139.00	1,795,152,735.00	1,781,311,819.00	1,484,329,055.00	984,376,009.00	929,995,325.00	1,538,709,739.00

Schedule: 8 2016 - 2017 FIXED ASSETS

1:10

Fund	Building	Commercial TC Lab	Equipments	Books & Journal	Road	Vehicles	Tree Plantation	Boundary Wall	Computer LAN	Computer
General (Main) Fund	138,848,285.32	1,080,618.00	88,616,125.90	163,485,368.97	18,750,095.00	782,271.07	209,660.54	2,334,526.22		
NBU UGC Projects	82,757,721.62		117,957,919.40	42,292,152.00		1,535,338.00			7,360,045.08	
Non-UGC Project	-		53,452,082.00	7,046,654.00					499,960.00	99,970.00
C.S.I.R.	-		6,014,308.32	-						
UGC SAP	-		19,331,626.75	7,252,017.00						
University Innovative Prog.	-		462,580.00	-						
Dev. of Infra. Facilities Fund	75,144,960.50		38,155,750.00	1,067,584.00	7,229,581.00	3,358,302.50		444,298.00	144,154.50	932,173.00
Misc. Self Financed Courses										
a) Tea Science	-		281,375.00	85,101.00						
b) Tea Management	-		1,045,730.00	60,000.00						
c) CRSA	-		333,378.00	-						
D.D.E.	3,726,761.00		7,465,421.00	2,315,749.00						
N.S.S.	-		40,090.00	-						
NAIP	-		1,207,370.00	-						
S. B. D. Fund	-		62,482.00	-						
NBU Jalpaiguri Campus	187,830,153.00		1,141,328.00	501,579.00				3,816,611.00		
RUSA Fund			49,755,953.00	18,017,035.00						
UGC HRDC	24,074,000.00		2,737,381.00	701,880.00						
	512,381,881.44	1,080,618.00	388,060,900.37	242,825,119.97	25,979,676.00	5,675,911.57	209,660.54	6,595,435.22	8,004,159.58	1,032,143.00

2016 - 2017 FIXED ASSETS

1.11

Fund	Generator/ Transformer	Museum Art Object	Software	Land	Net & Green House	Furniture & Fixture	Spectroscopic	Sports Equipments	Lab. Dev. Equipments	TOTAL
General (Main) Fund	7,170,490.00		1,225,000.00		7,500,000.00	10,795,925.00				440,798,366.02
NBU UGC Projects	4,482,940.00	189,835.62	254,175.00			8,591,456.00		1,535,066.00	596,776.00	267,553,424.72
Non-UGC Projects					485,830.00	2,721,208.00				64,305,704.00
C.S.I.R.						-				6,014,308.32
UGC SAP					197,834.00	-	105,719.00			26,887,196.75
University Innovative Prog.						11,363.00				473,943.00
Dev. of Infra. Facilities Fund			392,537.00	71,369.00		17,147,897.00				144,088,606.50
<u>Misc. Self Financed Courses</u>										-
a) Tea Science						-				366,476.00
b) Tea Management						28,079.00				1,133,809.00
c) CRSA						-				333,378.00
D.D.E.			88,000.00			2,300,146.00				15,896,077.00
N.S.S.						-				40,090.00
NAIP						22,189.00				1,229,559.00
S. B. D. Fund						34,800.00				97,282.00
NBU Jalpaiguri Campus						369,175.00				193,658,846.00
RUSA Fund						11,384,945.00				79,157,933.00
UGC HRDC						624,350.00				28,137,611.00
	11,653,430.00	189,835.62	1,959,712.00	71,369.00	8,183,664.00	54,031,533.00	105,719.00	1,535,066.00	596,776.00	1,270,172,610.31

Schedule: 8 2017 - 2018 FIXED ASSETS

Fund	Building	Commercial TC Lab	Equipments	Books & Journal	Road	Vehicles	Tree Plantation	Boundary Wall	Computer LAN	Computer
General (Main) Fund	138,848,285.32	1,080,618.00	89,536,515.90	167,751,208.97	18,750,095.00	782,271.07	209,660.54	2,334,526.22		
NBU UGC Projects	86,542,939.62		118,742,937.40	42,318,085.00		1,535,338.00			7,360,045.08	
Non-UGC Projects	-		54,177,830.00	7,046,654.00					499,960.00	99,970.00
C.S.I.R.	-		6,014,308.32	-						
UGC SAP	-		21,992,913.75	8,300,947.00						
University Innovative Prog.	-		462,580.00	-						
Dev. of Infra. Facilities Fund	75,144,960.50		38,946,179.00	1,067,584.00	7,229,581.00	3,358,302.50		444,298.00	144,154.50	932,173.00
Misc. Self Financed Courses										
a) Tea Science			281,375.00	85,101.00						
b) Tea Management			1,045,730.00	60,000.00						
c) CRSA			333,378.00	-						
D.D.E.	3,726,761.00		7,465,421.00	2,635,049.00						
N.S.S.	-		40,090.00	-						
NAIP	-		1,207,370.00	-						
S.B.D. Fund	-		62,482.00	-						
NBU Jalpaiguri Campus	187,830,153.00		1,141,328.00	501,579.00				3,816,611.00		
RUSA Fund			70,629,996.00	18,017,035.00						
UGC HRDC	24,074,000.00		2,737,381.00	799,482.00						
	516,167,099.44	1,080,618.00	414,817,815.37	248,582,724.97	25,979,676.00	5,675,911.57	209,660.54	6,595,435.22	8,004,159.58	1,032,143.00

Contd....

2017 - 2018 FIXED ASSETS

1.13

Fund	Generator/ Transformer	Museum Art Object	Software	Land	Net & Green House	Furniture & Fixture	Spectroscopic & other analysis	Sports Equipments	Lab. Dev. Equipments	TOTAL
General (Main) Fund	7,170,490.00		1,225,000.00		7,500,000.00	16,741,375.00				451,930,046.02
NBU UGC Projects	4,482,940.00	189,835.62	254,175.00			8,591,456.00		1,535,066.00	779,556.00	272,332,373.72
Non-UGC Projects					485,830.00	2,721,208.00				65,031,452.00
C.S.I.R.						-				6,014,308.32
UGC SAP			318,334.00		197,834.00	-	105,719.00			30,915,747.75
University Innovative Prog.						11,363.00				473,943.00
Dev. of Infra. Facilities Fund			861,802.00	71,369.00		17,836,779.00				146,037,182.50
<u>Misc. Self Financed Courses</u>										
a) Tea Science						-				366,476.00
b) Tea Management						28,079.00				1,133,809.00
c) CRSA						-				333,378.00
D.D.E.			88,000.00			2,300,146.00				16,215,377.00
N.S.S.						-				40,090.00
NAIP						22,189.00				1,229,559.00
S.B.D. Fund						34,800.00				97,282.00
NBU Jalpaiguri Campus						369,175.00				193,658,846.00
RUSA Fund						11,384,945.00				100,031,976.00
UGC HRDC						624,350.00				28,235,213.00
	11,653,430.00	189,835.62	2,747,311.00	71,369.00	8,183,664.00	60,665,865.00	105,719.00	1,535,066.00	779,556.00	1,314,077,059.31

Schedule - 9

CAPITAL ASSETS FUND

Fund	Opening Balance	2016 - 2017		Closing Balance	2017 - 2018		Closing Balance
		Addition	Adjustment/ Transfer		Addition	Adjustment/ Transfer	
General (Main) Fund	354,686,784.02	86,111,582.00	-	440,798,366.02	11,131,680.00	-	451,930,046.02
NBU UGC Projects	251,839,623.72	15,713,801.00	-	267,553,424.72	4,778,949.00	-	272,332,373.72
Non-UGC Projects	56,910,387.00	7,395,317.00	-	64,305,704.00	725,748.00	-	65,031,452.00
C.S.I.R.	6,014,308.32	-	-	6,014,308.32	-	-	6,014,308.32
UGC SAP	25,153,079.75	1,734,117.00	-	26,887,196.75	4,028,551.00	-	30,915,747.75
University Innovative Prog.	473,943.00	-	-	473,943.00	-	-	473,943.00
DIF Fund	141,865,510.50	2,223,096.00	-	144,088,606.50	1,948,576.00	-	146,037,182.50
<u>Misc. Self Financed Courses</u>							
a) Tea Science	366,476.00	-	-	366,476.00	-	-	366,476.00
b) Tea Management	1,078,849.00	54,960.00	-	1,133,809.00	-	-	1,133,809.00
c) CRSA	333,378.00	-	-	333,378.00	-	-	333,378.00
D.D.E.	15,896,077.00	-	-	15,896,077.00	319,300.00	-	16,215,377.00
N.S.S.	40,090.00	-	-	40,090.00	-	-	40,090.00
NBU Jalpaiguri Campus	5,828,693.00	187,830,153.00	-	193,658,846.00	-	-	193,658,846.00
NAIP	1,229,559.00	-	-	1,229,559.00	-	-	1,229,559.00
S.B.D. Fund	34,800.00	62,482.00	-	97,282.00	-	-	97,282.00
RUSA Fund	49,453,698.00	29,704,235.00	-	79,157,933.00	20,874,043.00	-	100,031,976.00
UGC HRDC	28,045,189.00	92,422.00	-	28,137,611.00	97,602.00	-	28,235,213.00
TOTAL	939,250,445.31	330,922,165.00	-	1,270,172,610.31	43,904,449.00	-	1,314,077,059.31

Schedule - 10

CAPITAL WORK - IN - PROGRESS

Particulars	Opening Balance	2016 - 2017			Closing Balance	2017 - 2018		Closing Balance
		Addition	Adjustment	Work Completed		Addition	Adjustment	
NBU General (Main) Fund	156,362,931.00	164,017,680.00	34,509,194.00	215,769,164.00	139,120,641.00	22,812,135.00	-	161,932,776.00
NBU UGC Projects	14,845,974.00	3,828,058.00	-	12,000,000.00	6,674,032.00	-	-	6,674,032.00
NBU DIF Fund	21,935,532.00	-	4,467,467.00	23,609,140.00	2,793,859.00	-	1,436,107.00	1,357,752.00
NBU NON-UGC Projects	-	-	-	-	-	-	2,000,000.00	2,000,000.00
NBU Jalpaiguri Campus	100,000,000.00	-	154,889,847.00	187,830,153.00	67,059,694.00	-	-	67,059,694.00
NBU RUSA Fund	-	14,083,000.00	-	-	14,083,000.00	19,029,032.00	-	33,112,032.00
	293,144,437.00	181,928,738.00	193,866,508.00	439,208,457.00	229,731,226.00	41,841,167.00	3,436,107.00	272,136,286.00

Schedule - 11

STATEMENT OF SURPLUS/DEFICIT OF DIFFERENT NBU FUND

Name of the Fund	2016 - 2017	2017 - 2018
	Surplus/ Deficit	Surplus/ Deficit
	Rs.	Rs.
1 NBU General (Main) Fund	5,755,157.00	(28,669,529.00)
2 NBU C.S.I.R.	125,609.00	110,002.25
3 NBU N.S.S.	828,165.00	402,239.00
4 NBU UIP Fund	149,003.00	(55,152.00)
5 NBU DIF Fund	16,038,796.00	(735,670.68)
6 NBU Pension & Gratuity Fund	17,446,442.00	49,517,751.00
7 NBU Misc. Self Financed Courses	1,018,615.00	95,088.00
8 NBU Jt. Self Financed Courses	4,140,303.00	184,131.00
9 NBU Prof N.H.C. For M.S. Courses	305,193.00	234,805.00
10 NBU DDE	22,658,627.00	528,318.00
11 NBU E.P.F.	20,613,179.00	25,863.00
12 NBU CIIT DBT	3,371.00	2,593.00
13 NBU Jalpaiguri Campus	502,104.13	672,601.00
14 NBU RUSA Fund	2,453,050.00	1,844,039.00
15 NBU SBD Fund	3,043,173.04	2,421,626.00
	95,080,787.17	26,578,704.57

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Office of the Development officer

Development Officer: Dr. Minakshi Chakraborty

Staff Strength : *Sri Kalyan Ch. Singha ,Sr. Supdt.*
Sri DineshMallick ,Sr. Asstt.
Smt. DebashriPal , Jr. Asstt. Cum – Typist
Sri Prohllad Sarkar, Group – D Contractual
Sri AmitDey, Group – C Casual
Sri BabulalOroan , Group – D Casual

Nature of Work: *(i)To examine continuously the needs for development in various departments and units of the University. (ii) To monitor all development works of the University and Schemes of the colleges funded programs (iii)To maintain records and to keep contact with the University Grants Commission (iv) Collecting the information for Annual Report from various department and Branches and prepare (Edit and compile) Annual reports for each academic session. (v) The carry out the jobs of distributing the grants to conduct Workshop/ Seminar/ Symposium received from the UGC and other state agencies based on the proposal received from Department/Centre.*

Number of Scholar joined as JRF(UGC-CSIR): 48

Number of Scholar Completion /Resigned or Discontinued:06

Funds distributed from UGC Fund

- (i)** Travel Grant:442098
- (ii)** Visiting Fellow:16031
- (iii)** Seminar/Symposium:318337
- (iv)** Publication: 00.00

Under-Graduate Council

Secretary (Under-Graduate Council)	:	Dr. Nupur Das
Staff Strength (Under-Graduate Council)	:	Mrs. Geeta Roy (Das), Jr. Asst Mr. Gautam Sarkar Jr. Asst. cum Typist. Mr. Pintu Dutta, Jr. Asst. cum Typist. Mr. Labin Singha, Record Suppliers. Mr. Gautam Das (Casual) Mr. Raju Singha (Casual) Mr. Chandan Singha (Mandays)

Nature of Work: *The Office of the Secretary, Under Graduate Council North Bengal University is a bridge between the Mother University of North Bengal University.*

1. Total number of Affiliated Colleges : 51

Number of General Degree Colleges	:	46
Number of B.Ed Colleges	:	01
Number of B.P.Ed Colleges	:	01
Number of Law Colleges	:	02
Department of Law	:	01

2. Profile of Under-Graduate Council :

Under Graduate Council

A Profile

The Prime agenda of the Under Graduate Council, North Bengal University is to form a bridge between the mother University of North Bengal and its affiliating Colleges. The Department 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 Department 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.

a) **Council for Under-Graduate Studies in Arts, Science, Commerce and Law.**

- i. Boards of Under Graduate Studies
- ii. Expert Committee
- iii. Expert Committees under Career Oriented Programmes

b) **Total Boards of Under-Graduate Studies: 31**

Science	Chemistry, Physics, Mathematics, Zoology, Botany, Computer Science, Geography, Microbiology, Environmental Studies, Statistic, Physical Education, Sericulture.
Arts	Bengali, English, Hindi, Nepali, Sanskrit, Political Science, Economics, Commerce, History, Philosophy, Sociology, Education, Physiology, Urdu, Psychology, Law, Modern Tibetan, Mass Communication & Journalism. B.Ed.

c) **Total Expert Committees: 3**

TOTAL EXPERT COMMITTEE	1.	B.Sc. Course in Internet Science / Software System (ZILS) of Campus Education Course (ZILS)
	2.	B.B.A.
	3.	B.C.A.

d) Total Committees under Career Oriented Programmers: 7

TOTAL EXPERT COMMITTEE under Career Oriented Programmes (C.O.P.)	1.	Communicative English
	2.	Mass Communication & Journalism
	3.	Eco Tourism Management and Tourism & Travel Management
	4.	Computer Application
	5.	Women's Studies
	6.	Human Rights & Values in Education
	7.	Sports Management

REACHING OUT:

Reaching Out to the Stake holders is an essential component of the Under Graduate Councils process. This is done through.

- a. *The functioning of the Under Graduate Council through its Boards of Under Graduate Studies and numerous Expert Committees.*
- b. *Regular correspondence with all Colleges*
- c. *Updating all Colleges with recent Circulars from the University Grants Commission / Ministry of Human Resource Development / Higher Education Council and University of North Bengal.*
- d. *Website www.nbu.ac.in , Email UG Council : secretaryugcouncil@gmail.com*
- e. *Networking with teachers from the University and the Colleges.*
- f. *Directory and database for all Colleges – with reference to teachers, subjects, taught.*

BENEFITS:

- Helps the Colleges to know its strengths, weaknesses, opportunities through an informed review.*
- To identify internal areas of planning and resource allocation in each Colleges.*
- Enhances collegiality on the campus.*
- The outcome of the process provides the funding agencies with objective and systematic database for performance funding.*
- Initiates instruction into innovative and modern methods of pedagogy.*
- Gives the each College a new sense of direction and identity.*
- Provides the society with reliable information on the quality of education offered by the Colleges in North Bengal*
- Promotes intra-College and inter-University interactions.*

LIST OF COURT MEMBERS

- i. The Chancellor
University of North Bengal
Raj Bhavan, Kolkata
- ii. Dr. Subires Bhattacharyya
Vice Chancellor
University of North Bengal
- (iii)(a) Pro. 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
- (iv) Nominee of Higher Education Department, WB
Sri Siladitya Basu Ray, WBCS (Exe.)
Joint Secretary
Higher Education Department
Bikash Bhavan (6th Floor),
Bidhan Nagar, Kolkata- 91
- (v) The Principal Secretary
Department of Finance Govt. of West Bengal
NABANNA
325, Sarat Chatterjee Road,
Shibpur, Howrah-711102
- (vi) Nominee of WBSCH
Vacant
- (vii) The President
West Bengal Council for Higher Secondary Education
Vidyasagar Bhawan
Block – DJ, Sector- II
Saltlake, Kolkata – 91
- (viii) Md. Fazle Rabbi
President
West Bengal Board of Madrasah Education,
Begum Rokaiya Bhawan
19, Haji Md. Mahasin Square,
Kolkata-700016
- (ix) Prof. Dr. Kalyanmoy Ganguly
President
West Bengal Board of Secondary Education
77/2 Park Street, Kolkata-700016
- (x) The Director of Public Instruction
Govt. of West Bengal
Education Directorate
Bikash Bhavan, Salt Lake, Kolkata-91
- (xi) Nominee of UGC
Dr. Mrs. Paula Banerjee
Department of South & South Asian Studies
Calcutta University
Kolkata-700027

- (xii) Nominee of NCTE
Vacant
- (xiii) Nominee of CSC
Dr. Dipak Kr. Kar
Chairperson
West Bengal Council Service Commission
Purta Bhavan, DF Block, 3rd Floor,
Salt Lake City, Kolkata-700091
- (iv)(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 Geology
University of North Bengal
- (xiv)(ab) The Head,
Department of Education
University of North Bengal
- (xiv)(ac) The Head,
Department of Physical Education
University of North Bengal
- (xiv)(ad) The Head,
Department of Pharmaceutical
University of North Bengal
- (xiv)(ae) The Head,
Department of Food Technology
University of North Bengal

Senior 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
- (xvi)(I) Principal
University B.T. & Evening College
P.O &Dist- Cooch Behar
- (xvi)(II) Vacant
- (xvi)(III) Vacant
- (xvi)(IV) Principal
South Field College
P.O- South Field
Dist- Darjeeling
- (xvi)(v) Vacant
- (xvi)(VI) Principal
Nakshalbari College
P.O – Nakshalbari
Dist- Darjeeling
- (xvi)(VII) Principal
P.D. Women’s College
P.O &Dist- Jalpaiguri
Pin- 735101
- (xvi)(VIII) Principal
Siliguri College
P.O- Siliguri
Dist- Darjeeling
Pin- 734001
- (xvi)(IX) Principal
A.C. College
P.O &Dist- Jalpaiguri
Pin- 735101
- (xvi)(X) Principal
Maynaguri College
P.O- Maynaguri
Dist- Jalpaiguri
- (xvii)(a) Teachers of UG Council (Vacant)
- (xvii)(b) Teachers of UG Council (Vacant)
- (xvii)(c) Teachers of UG Council (Vacant)
- (xvii)(d) Teachers of UG Council (Vacant)
- (xvii)(e) Teachers of UG Council (Vacant)
- (xviii) Representative of Officer (Vacant)
- (xix)(a) Non-teaching employee (Vacant)
- (xix)(b) Non-teaching employee (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 Ranjan Mandal,
Vice-Chancellor
Sidho Kanho Birsha University
Ranchi Road, P.O- Sainik School
Dist- Purulia, Pin- 723104
- (xx)(c) Prof. Swagata Sen
Prof. Vice-Chancellor, Academic
Calcutta University
Senate House, 87/1 College Street,
Kolkata -700073

- (xx)(d) Dr. Mrs. Philomena Richards,
Professor & Head of Department of Sociology,
Christ Church P.G. College, Kanpur
178-A, D Block, Shyam Nagar,
Kanpur -208013, UP
- (xx)(e) Prof. Alok K. Srivastava,
Department of Chemistry,
Allahabad University
Senate House Campus,
Allahabad, UP, India-211002
- (xxi) Special invitee (Vacant)

LIST OF EXECUTIVE COUNCIL MEMBERS

Section 20(1)(a)

- (i) Dr. Subires Bhattacharyya
Vice-Chancellor
University of North Bengal
- (ii) Sri. Siladitya Basu Ray, WBCS (Exe.)
Special Secretary
Higher Education Department
Bikash Bhavan (6th Floor),
Bidhan Nagar, Kolkata-91
- (iii) The Principal Secretary
Department of Finance
Govt. of West Bengal
NABANNA
325 Sarat Chatterjee Road,
Shibpur, Howrah-711102
- (iv) Nominee of West Bengal State Council of Higher Education
Vacant
- (v) The Director of Public Instruction
Education Directorate
Govt. of West Bengal
Bikash Bhavan, Salt Lake, Kolkata-91
- (vi)(a) Professor. Bikash Chandra Paul
Dean, Faculty Council for PG Studies in Science
Department of Physics
University of North Bengal
- (vi)(b) Professor. Sanchari Roy Mukherjee
Dean, Faculty Council for PG Studies in Arts, Commerce & Law
Department of Economics
University of North Bengal

Vice Chancellor's Nominee

- (vii)(i) The Principal,
University B.T.& Evening College
P.O. & Dist- Cooch Behar
- (vii)(ii) The Principal,
Indian Institute of Legal Studies
Dagapur, Siliguri
P.O- Salbari, Dist – Darjeeling
Pin – 734002
- (vii)(iii) The Principal,
Siliguri College
P.O- Siliguri, Dist - Darjeeling
Pin- 734001
- (vii)(IV) The Principal,
P.D. Women's College
P.O. & Dist- Jalpaiguri
- (vii)(V) The Principal,
A.P.C. Roy Govt. College
Himachal Bihar
P.O- Matigara
Dist- Darjeeling

- (vii)(VI)The Principal,
Maynaguri College
P.O- Maynaguri
Dist- Jalpaiguri
- (vii)(VII)The Principal,
Kalimpong College
P.O &Dist- Kalimpong
Pin- 734301
- (b)(viii)(I)Head
Department of Philosophy
University of North Bengal
- (b)(viii)(II)Head
Department of Physical Education
University of North Bengal
- (b)(viii)(III)Head
Department of Political Science
University of North Bengal
- (b)(ix) Vacant (seven teachers from the Faculty Councilfor PG Studies)
- (b)(x) Vacant (five teachers of whom at least two shallbelong to the rank of Associate Professors)

chancellor's Nominee

- (b)(xi)(I)Prof. SubhaSankar Sarkar
Vice- Chancellor,
NetajiSubhas Open University
DD-26, Sector-I, Salt Lake
Kolkata- 700064
- (b)(xi)(II)Prof. SwagataSen
Vice- Chancellor,
GourBanga University
P.O- Mokdumpur, Malda
Pin- 732103

LIST OF MEMBERS OF THE FACULTY COUNCIL FOR P.G. STUDIES IN SCIENCE

1. Prof.Dr.Somnath Ghosh, Hon'ble Vice-Chancellor, NBU - Chairman
2. Prof.AnuradhaMukhopadhyay,Hon'ble Vice-Chancellor, DHWU -Nominee of the Hon'ble Vice-Chancellor, NBU
3. Dr. G. C. De, Department of Chemistry, Alipurduar College, Alipurduar. -Nominee of the Hon'ble Vice-Chancellor, NBU
4. The Head of the Department of Chemistry, University of North Bengal
5. The Head of the Department of Physics, University of North Bengal
6. The Head of the Department of Mathematics, University of North Bengal
7. The Head of the Department of Geography & Applied Geography, University of North Bengal
8. The Head of the Department of Botany, University of North Bengal
9. The Head of the Department of Zoology, University of North Bengal
10. The Head of the Department of Biotechnology, University of North Bengal
11. The Head of the Department of Computer Science & Application, University of North Bengal
12. The Head of the Department of Anthropology, University of North Bengal
13. The Head of the Department of Microbiology, University of North Bengal
14. The Head of the Department of Tea Science, University of North Bengal
15. The Head of the Department of Geology, University of North Bengal
16. The Head of the Department of Food Technology, University of North Bengal
17. The Head of the Department of Pharmaceutical Technology, University of North Bengal
18. Prof. MahendraNath Roy, Department of Chemistry, University of North Bengal
19. Prof. BasudebBasu, Department of Chemistry, University of North Bengal
20. Prof. Pranab Ghosh, Department of Chemistry, University of North Bengal
21. Prof. AnirbanMisra, Department of Chemistry, University of North Bengal
22. Prof. AmitabhaMukhopadhyay, Department of Physics, University of North Bengal
23. Prof. Pradip Kr. Mandal, Department of Physics, University of North Bengal
24. Prof. Bikash Chandra Paul, Department of Physics, University of North Bengal
25. Prof. Malay Kr. Das, Department of Physics, University of North Bengal
26. Prof. Suparna De Sarkar, Department of Mathematics, University of North Bengal
27. Prof. Subir Sarkar, Department of Geography & Applied Geography, University of North Bengal
28. Prof. SushmaRohatgi, Department of Geography & Applied Geography, University of North Bengal
29. Prof. Deepak Kr. Mandal, Department of Geography & Applied Geography, University of North Bengal
30. Prof. Ranjan Roy, Department of Geography & Applied Geography, University of North Bengal
31. Prof. Biswanath Chakraborty, Department of Botany, University of North Bengal
32. Prof. AniruddhaSaha, Department of Botany, University of North Bengal
33. Prof. ArnabSen, Department of Botany, University of North Bengal
34. Prof. Sudip Barat, Department of Zoology, University of North Bengal
35. Prof. Sudip Barat, Department of Zoology, University of North Bengal
36. Prof. SoumenBhattacharjee, Department of Zoology, University of North Bengal

37. Prof. Subhas Ch. Paul, Department of Computer Science & Application, University of North Bengal
38. Prof. Jaydip Sen, Department of Anthropology, University of North Bengal
39. Prof. Ranadhir Chakraborty, Department of Biotechnology, University of North Bengal
40. Dr. Susanta Das, OSD, CE, University of North Bengal **(Invitee)**

LIST OF THE MEMBERS OF THE FACULTY COUNCIL FOR P. G. STUDIES IN ARTS, COMMERCE & LAW FOR YEAR 2017-2018 (1ST APRIL, 2017 TO 31ST MARCH, 2018).

Prof. Dr. Somnath Ghosh, Hon'ble Vice-Chancellor, NBU - Chairman
Prof. Sanchari Roy Mukherjee, Dean, Faculty Council for P.G. Studies in Arts, Commerce & Law, NBU, Vice-Chairperson
Prof. Ranjan Chakrabarti, Hon'ble Vice-Chancellor, VU – Nominee of the Hon'ble Vice-Chancellor, NBU.
Mr. Mukul Ghosh, Surya Sen Mahavidyalaya, Siliguri – Nominee of the Hon'ble Vice-Chancellor, NBU.
The Head, Dept. of Bengali, NBU.
The Head, Dept. of Economics, NBU.
The Head, Dept. of Philosophy, NBU.
The Head, Dept. of History, NBU
The Head, Dept. of English, NBU.
The Head, Dept. of Commerce, NBU.
The Head, Dept. of Nepali, NBU.
The Head, Dept. of Hindi, NBU.
The Head, Dept. of Mass Communication, NBU.
The Head, Dept. of Sociology, NBU.
The Head, Dept. of Political Science, NBU.
The Head, Dept. of Lifelong Learning & Extension, NBU.
The Head, Dept. of Law, NBU.
The Head, Dept. of Library & Information Science, NBU.
The Head, Dept. of Management, NBU.
The Director, Centre for Himalayan Studies, NBU.
The Head, Dept. of Education, NBU.
The Head, Dept. of Physical Education, NBU.
Prof. Manjula Bera, Dept. of Bengali, NBU.
Prof. Nikhil Ch. Roy, Dept. of Bengali, NBU.
Prof. Utpal Mandal, Dept. of Bengali, NBU.
Prof. Soumitra De, Dept. of Political Science, NBU.
Prof. Arun Kanti Jana, Dept. of Political Science, NBU.
Prof. Ashis Sengupta, Dept. of English, NBU.
Prof. Bijoy Kr. Sarkar, Dept. of History, NBU.
Prof. Sanchari Roy Mukherjee, Dept. of Economics, NBU.
Prof. Anil Bhuiamali, Dept. of Economics, NBU [on Lien]
Prof. Kanak Kanti Bagchi, Dept. of Economics, NBU.
Prof. Kantilal Das, Dept. of Philosophy, NBU.
Prof. Jyotish Ch. Basak, Dept. of Philosophy, NBU.
Prof. Debika Saha, Dept. of Philosophy, NBU.
Prof. Palas Ranjan Sengupta, Dept. of Commerce, NBU.
Prof. Indrajit Roy, Dept. of Commerce, NBU.
Prof. Samarendra Nath Dhar, Dept. of Commerce, NBU.
Prof. Hira Ray, Dept. of Commerce, NBU.
Prof. Dipen Roy, Dept. of Commerce, NBU.
Prof. Debabrata Mitra, Dept. of Commerce, NBU.
Prof. Mita Bhadra, Dept. of Sociology, NBU.
Prof. Sanjoy Kr. Roy, Dept. of Sociology, NBU.
Prof. Saswati Biswas, Dept. of Sociology, NBU.
Prof. Rangadhar Sahu, Centre for Himalayan Studies, NBU.
Prof. Maitreyee Choudhury, Centre for Himalayan Studies, NBU.
Prof. Karubaki Dutta, Centre for Himalayan Studies, NBU.
Prof. Mohan Prasad Dahal, Dept. of Nepali, NBU.
Prof. Ghanshyam Nepal, Dept. of Nepali, NBU.
Prof. Gangotri Chakraborty, Dept. of Law, NBU.
Prof. Rathin Bandyopadhyay, Dept. of Law, NBU.

Prof. Manisha Jha, Dept. of Hindi, NBU.
The Librarian (Acting), NBU.
Dr. Susanta Das, OSD,CE, NBU.

Date of Joining, Retired and Obituary of Officers, Teachers & Non – Teaching Staff

DATE OF JOINING – TEACHER

Sl. No.	Name of the TEACHER & Designation	Date of joining
01.	SmtKaushaniMandal (SC) Assistant Professor Department of English	01.08.2017
02.	Dr. ZiniaMitra Assistant Professor Department of English	01.08.2017
03.	Dr. Binayak Roy Assistant Professor Department of English (Jalpaiguri Campus)	01.08.2017
04.	Sri. Sumit Roy (OBC) Assistant Professor Department of English (Jalpaiguri Campus)	01.08.2017
05.	Sri. Nirmalya Biswas (SC) Assistant Professor Department of English	12.09.2017
06.	SmtKritikaChettri (UR) Assistant Professor Department of English	19.09.2018
07.	Dr. Urbi Mukherjee Assistant Professor Department of Bengali	31.07.2017
08.	Sri. Sureya Lama (ST) Assistant Professor Department of Bengali	01.08.2017
09.	Dr. Bikash Chandra Paul (OBC-B) Assistant Professor Department of Bengali	10.08.2017
10.	SmtSharmistha Paul (OBC-B) Assistant Professor Department of Bengali	13.09.2018
11.	Sri. Amrita Mondal (SC) Assistant Professor Department of History	11.09.2017
12.	Dr. Tahiti Sarkar (UR) Assistant Professor Department of History	13.09.2018
13.	Smt. Anureema Bhattacharyya Assistant Professor Department of Philosophy	20.09.2017
14.	Dr. Tutul Biswas (OBC-A) Assistant Professor Department of Physics	06.09.2017

15.	Sri Siddhartha Biswas (SC) Assistant Professor Department of Mathematics	15.12.2017
16	Sri Paltu Sarkar Assistant Professor Department of Mathematics	06.02.2018
17	Dr. Indrajit Roy Chowdhury Assistant Professor Department of Geography	
18.	Sri RitwikMondal (SC) Assistant Professor Department of Zoology	20.07.2017
19.	Dr. Sourav Mukherjee Assistant Professor Department of Zoology	28.07.2017
20.	Sri Anil Tudu (ST) Assistant Professor Department of Computer Science & Application	07.09.2017
21.	MuktaMajumder (SC) Assistant Professor Department of Computer Science & Application	18.10.2017
22.	Sri. Mayukh Biswas (SC) Assistant Professor Department of Library & Information Science	06.12.2017
23.	Sri. ManajBiswakarma (SC) Assistant Professor Department of Hindi	03.04.2017
24.	Sri. Deepak Subba (ST) Assistant Professor Department of Management	12.06.2017
25.	Sri. SanmayMallick (SC) Assistant Professor Department of Management	03.04.2017
26.	Sri. KaushikSaha (SC) Assistant Professor Department of Geology	08.09.2017
27.	Dr. PradipSamanta (UR) Assistant Professor Department of Geology	27.02.2018
28.	Dr. Subarna Thakur Assistant Professor Department of Bio Information Matrics	17.10.2017

DATE OF JOINING – NON – TEACHING (2017-218)

Sl. No.	Name of the NON- TEACHING & Designation	Date of joining
01.	Sri.Debasish Das Jr. Asst. Cum -Typist Department of Finance	01.02.2018
02.	Sri.Pintu Dutta Jr. Asst. Cum -Typist Department of U.G.Council	01.02.2018
03.	Sri.Bikky Mallick Jr. Peon Department of USIC	01.02.2018

DATE OF JOINING – OFFICER (2017-2018)

NIL

Retired – Officer (2017-2018)

Sl. No.	Name of the Officer	Date of Retirement
01.	Sri. Samir Kumar Sarkar Scientific Research Officer (G-II)	31.12.2017
02.	Sri. Binod Kumar Asst. Engineer	31.01.2018

Retired – Teacher (2017-2018)

Sl. No.	Name of the Teacher	Date of Retirement
01.	Dr. Ali Mehedi Department of Law	09.08.2017
02.	Prof. B. Basu Department of Chemistry	13.02.2018
03.	Dr. ChandanashisLaha Department of English	16.02.2018

Retired – Non - Teaching (2017-2018)

Sl. No.	Name of the Non-Teaching	Date of Retirement
01.	Sri. Andreas Barla	30.04.2017
02.	Sri. Bikram Thapa	31.05.2017
03.	Sri. Haripada Singha	30.06.2017

04.	Sri. Upendra Nath Roy	31.10.2017
05.	Sri. Uttam Ghosh	31.10.2017
06.	Sri. Churhash Lakra	31.10.2017
07.	Sri. Bibekananda Paul	31.01.2018
08.	Sri. Niru Oran	31.01.2018
09.	Smt. Kalpana Saha	31.01.2018
10.	Sri. Ananda Kumar Kundu	31.01.2018
11.	Sri. Dharani Mohan Roy	28.02.2018
12.	Sri. Mani Kumar Thapa	28.02.2018
13.	Sri. Suresh Singha	31.03.2018

Obituary / Expeired (2017-2018)

Teacher – NIL

Officer – NIL

Non – Teaching :

1. ParichayaPatowary - 27.03.2017
2. PawanMallick - 15.03.2018

Ph.D. list of 47th Annual Convocation held on June 02, 2017
(Faculty of Science)

Sl. No	Name of the Candidate	Name of the Supervisor(s)	Subject	Topic	Degree Obtained (as per New /Old ordinances)	Date when Admitted
01	Debasish Sengupta	Prof. Basudeb Basu	Chemistry	PREPARATION, CHARACTERIZATION OF BIMETALLIC NANOPARTICLES SOAKED ON POLY- IONIC RESINS AND THEIR CATALYTIC APPLICATIONS	Ph.D. (Science)	15/7/2016
02	Sujoy Paul	Prof. A.K. Panda	Chemistry	PHYSICO-CHEMICAL STUDIES ON MICROEMULSIONS WITH SPECIAL EMPHASIS TO IONIC LIQUID	Ph.D. (Science)	15/7/2016
03	Mahua Upadhyay	Prof. P. Ghosh	Chemistry	POLYMERIC ADDITIVES FOR LUBRICATING OIL	Ph.D. (Science)	15/7/2016
04	Sima Mandal	Dr. D. Saha & Dr. A. Saha	Biotechnology	STUDIES ON COPPER TOXICITY ON CULTIVATED VARIETIES OF TEA OF NORTH EAST INDIA	Ph.D. (Science)	15/7/2016
05	Mousumi Rakshit	Prof. P.K. Sarkar	Botany	Survivability and Growth of Foodborne Bacterial Pathogens As Influenced by Processing Technologies During the Production and Storage of Some Legume-based Traditional Foods of India	Ph.D. (Science)	15/7/2016
06	Sabina Pradhan	Dr. P.C. Lama & Dr. S.C. Roy	Botany	Studies on Physiology and Biochemistry of Swertia chirayita (Roxb.) Karsten in Darjeeling Hills: Influence of Plant growth substances on growth, metabolism and yield	Ph.D. (Science)	15/7/2016
07	Partha Sarathi Sikdar	Prof. M.N. Roy	Chemistry	PHYSICO-CHEMICAL EXPLORATION OF SOLUTION BEHAVIOUR OF SOME INDUSTRIALLY IMPORTANT COMPOUNDS IN LIQUID ENVIRONMENTS	Ph.D. (Science)	15/7/2016

08	Ardhendu Mandal	Prof. S.C. Pal	Computer Science & Application	BRIDGE: A Component Based Software Development Life Cycle Process Model to Cater with the Present Software Crisis	Ph.D. (Science)	15/7/2016
09	Jayanta Dutta	Prof. S.C. Pal	Computer Science & Application	Computational aspects of some mathematical and numerical problems	Ph.D. (Science)	15/7/2016
10	Tamal Goswami	Prof. A. Misra	Chemistry	Theoretical investigation on aromaticity, magnetic exchange coupling and magnetic anisotropy in metal based systems	Ph.D. (Science)	15/7/2016
11	Sumanta Gupta	Dr. Sajal Das	Chemistry	Synthesis of palladium- <i>N</i> -heterocyclic carbene complexes and their application in organic transformations	Ph.D. (Science)	15/7/2016
12	Raju Subba	Prof. P. Ghosh	Chemistry	Studies on the reactions of C-hetero bond formation	Ph.D. (Science)	15/7/2016
13	Biswajit Das	Dr. A.K. Bothra, (Supervisor) & Prof. P. Ghosh (Co-supervisor)	Chemistry	QSAR Analysis, Docking & Molecular Dynamics Simulation of several antimicrobial compounds and receptors	Ph.D. (Science) (Old)	15/7/2016
14	Mrinmay Jha	Prof. S.K. Saha	Chemistry	PHYSICO - CHEMICAL STUDIES ON SOFT MATTER : BEHAVIOUR OF SURFACTANT AGGREGATES AND BIODEGRADABLE POLYMER SYSTEMS	Ph.D. (Science) (Old)	15/7/2016
15	Subrata Chakraborty	Prof. S.K. Saha	Chemistry	Physico - Chemical Studies on Micellar Properties of Selected Amphiphiles	Ph.D. (Science) (Old)	15/7/2016
16	Soumik Bardhan	Prof. S.K. Saha(Supervisor) & Prof. B.K. Paul (Co-supervisor)	Chemistry	Physicochemical Studies on Some Self- Organized Assemblies of Single and Mixed Surfactant Systems	Ph.D. (Science)	15/7/2016
17	Ambica Kejriwal	Dr. P. Bandyopadhyay (Supervisor) & Dr. A.N. Biswas (Co-supervisor)	Chemistry	BIOINSPIRED FUNCTIONAL MODELS OF NON - HEME OXYGENASES	Ph.D. (Science)	15/7/2016
18	Priyankar Dey	Prof. T.K. Chaudhuri	Zoology	Immunopharmacological investigations of the herb <i>Nerium indicum</i> Miller (Apocynaceae)	Ph.D. (Science)	15/7/2016
19	Jayanta Das	Prof. P. Ghosh	Chemistry	TRANSFORMATIVE REACTIONS ON CARBOCYCLIC COMPOUNDS	Ph.D. (Science)	5/8/2016 & 6/8/2016
20	Pritam De	Prof. M.N. Roy	Chemistry	STUDIES ON	Ph.D.	5/8/2016

				INTERACTIONS OF SOME BIOMOLECULES AND SIMPLE MOLECULES BY PHYSICO-CHEMICAL PROCESSES IN LIQUID MEDIA	(Science)	& 6/8/2016
21	Suman Nirola	Prof. A.P. Das	Botany	STUDIES ON THE MONOCOTYLEDONOUS FLORA OF DARJEELING DISTRICT, WEST BENGAL, INDIA	Ph.D. (Science)	27/09/2016
22	Rajib Biswas	Prof. A.P. Das & Prof. T.K. Paul (Co-supervisor)	Botany	SURVEY OF FLORISTIC DIVERSITY AND VEGETATION STRUCTURE OF RASIK BEEL IN THE COOCH BEHAR DISTRICT OF WEST BENGAL	Ph.D. (Science)	27/09/2016
23	Anurag Chowdhury	Prof. A.P. Das	Botany	Studies on the diversity and ethnic uses of wetland vascular plants in Terai and Duars of West Bengal, India	Ph.D. (Science)	27/09/2016
24	Tamal Basu Roy	Dr. Ranjan Roy	Geography & Applied Geography	ROLE OF RURAL PERIODIC MARKET CENTRES IN REGIONAL ECONOMIC DEVELOPMENT – A CASE STUDY OF UTTAR DINAJPUR DISTRICT, WEST BENGAL	Ph.D. (Science)	27/09/2016
25	Anamika Pramanik	Prof. M.K. Das & Dr. Banani Das (Co-supervisor)	Physics	INVESTIGATIONS ON THE PHYSICAL PROPERTIES OF SOME LIQUID CRYSTALLINE COMPOUNDS AND MULTI-COMPONENT MIXTURES	Ph.D. (Science)	27/09/2016
26	Rakesh Kumar Mandal	Prof. N.R. Manna	Computer Science & Application	Development of Neural Network Techniques to Recognize Handwritten Characters	Ph.D. (Science)	19/11/2016
27	Samir Kundu	Prof. B. Basu	Chemistry	Solid-Phase Synthesis of Libraries of Heterocyclic Molecules and further Functionalization by Cross-Coupling Reactions	Ph.D. (Science)	19/11/2016
28	Prawin Kumar Sharma	Prof. P. Ghosh & Dr. B. Chakraborty (Co-supervisor)	Chemistry	Greener approach to the synthesis of some novel class of isoxazolidine and isoxazoline derivatives using N-methyl and N-phenyl- α -chloro nitrones	Ph.D. (Science)	24/01/2017

29	Samir Sen	Prof. P.S. Roy	Chemistry	Studies on Coordination compounds of Cobalt and tungsten, having biochemical relevance to pterin - containing metalloenzymes	Ph.D. (Science)	24/01/2017
30	Soumendra Nath Nag	Dr. S. Rohatgi	Geography & Applied Geography	KAMTAPUR MOVEMENT IN NORTH BENGAL GEO-ETHNO-ENVIRONMENTAL AND HISTORICAL PERSPECTIVE	Ph.D. (Science)	24/01/2017
31	Surjapada Paul	Dr. S. Rohatgi	Geography & Applied Geography	Socio – Economic Condition of Tea Garden Workers of Dooars Region, West Bengal and Formulation of Development Strategies	Ph.D. (Science)	24/01/2017
32	Dibakar Choudhury	Prof. A.P. Das & Dr. P. Mandal (Co-supervisor)	Botany	Distribution and chemotaxonomy of some members of Lauraceae in Terai and Duars region of West Bengal	Ph.D. (Science)	24/01/2017
33	Debashis Sinha	Prof. P.K. Mandal	Physics	X-ray, dielectric and electro-optic studies on fluorinated achiral and chiral liquid crystals	Ph.D. (Science)	25/03/2017
34	Tanusree Ray	Prof. M.N. Roy	Chemistry	EXPLORATION OF ASSORTMENT OF INTERFACES OF SOME IONIC LIQUIDS IN SOLVENT SYSTEMS BY PHYSICOCHEMICAL APPROACH	Ph.D. (Science)	25/03/2017
35	Moushree Pal Roy	Dr. Shilpi Ghosh	Biotechnology	Isolation, characterization, molecular gene cloning and expression of novel bacterial phytase from environmental samples	Ph.D. (Science)	25/03/2017
36	Kinkar Biswas	Prof. B. Basu	Chemistry	DEVELOPMENT OF ORGANIC REACTION METHODOLOGY USING POLYMER-SUPPORTED REAGENTS, FOCUSED MICROWAVES AND ON-WATER CHEMISTRY	Ph.D. (Science)	25/03/2017
37	Rajendra Yonzone	Botany	Dr. D. Lama,DGC and Dr. R.B. Bhujel	Studies on the Orchid Flora of Darjeeling Himalaya	Ph.D. (Science)	25/03/2017
38	Nishika Jaishee	Botany	Prof. U. Chakraborty	Phytochemical analysis of some ferns with reference to their antioxidant , hypoglycemic and	Ph.D. (Science)	25/03/2017

				antimicrobial activities		
39	Swarnendu Roy	Botany	Prof. U. Chakraborty	Comparative analyses of tolerance mechanisms in salt-tolerant grasses and rice under salinity stress	Ph.D. (Science)	25/03/2017
40	Shibsankar Karmakar	Physics	Prof. S. Mukherjee	Studies on very compact stars	Ph.D. (Science)	25/03/2017
41	Pragati Pradhan	Physics	Prof. B.C. Paul & Prof. B. Paul (Co-supervisor)	PULSE PROFILE STUDIES AND HARD X-RAY PROPERTIES OF NEUTRON STARS	Ph.D. (Science)	25/03/2017
42	Amit Kumar Mandal	Biotechnology	Prof. R. Chakraborty	Exploring physiology of an exopolysaccharide(EPS) producing facultatively oligotrophic bacterium <i>Klebsiella pneumoniae</i> PB12 with special emphasis on structure-function analysis of EPS	Ph.D. (Science)	25/03/2017
43	Milan Chandra Roy	Chemistry	Prof. M.N. Roy	INVESTIGATION OF ASSORTED INTERACTIONS OF VITAL COMPOUNDS IN AQUEOUS IONIC LIQUID AND VITAMIN SOLUTIONS AND SOLVENT ARRANGEMENTS	Ph.D. (Science)	29/04/2017
44	Provash Mali	Physics	Prof. A. Mukhopadhyay	Density Fluctuation and Correlation Study of Multiparticle Production in $^{28}\text{Si-Ag/Br}$ Interaction at 14.5A GeV	Ph.D. (Science)	29/04/2017
45	Somnath Roy	Botany	Prof. B.N. Chakraborty	STRATEGIES FOR IMPROVEMENT IN CULTIVATION PRACTICES OF OYSTER MUSHROOM IN NORTH BENGAL	Ph.D. (Science)	29/04/2017
46	Amrita Acharya	Biotechnology	Prof. S. Ghosh & Prof. B.N. Chakraborty (Co-supervisor)	Serological and molecular detection of foliar fungal pathogens of <i>Persea bombycina</i> Kost and activation of defense response using bioinoculants	Ph.D. (Science)	29/04/2017
47	Ganesh Bahadur Thapa	Zoology	Prof. Joydeb Pal	STUDIES ON SOME PHYSICO-CHEMICAL PARAMETERS OF WATER BODIES AND MICROBIAL FISH DISEASES IN EASTERN NEPAL	Ph.D. (Science)	29/04/2017
48	Babli Roy	Chemistry	Prof. B. Basu	Studies on Solid-Phase Organic Reactions &	Ph.D. (Science)	29/04/2017

				Catalysis : Greener Approaches		
49	Moumita Das	Chemistry	Prof. P. Ghosh	ORGANIC POLYMERIC ADDITIVES FOR LUBRICATING OIL	Ph.D. (Science)	29/04/2017
50	Bhaskar Bagchi	Chemistry	Dr. A.K. Bothra & Prof. P. Ghosh (Co-supervisor)	Quantum chemical calculation and structure activity relationship of bioactive terpenoids	Ph.D. (Science)	29/04/2017
51	Subankar Choudhury	Chemistry	Prof. M.N. Roy	PHYSICOCHEMICAL STUDY OF DIVERSE INTERACTIONS OF IONIC LIQUIDS AND BIOLOGICALLY ACTIVE SOLUTES PREVAILING IN LIQUID ENVIRONMENTS	Ph.D. (Science)	29/04/2017
52	Biplab Bijay,	Physics	Dr. A. Bhadra	AN INVESTIGATION ON THE KNEE OF THE COSMIC RAY ENERGY SPECTRUM	Ph.D. (Science)	27/5/2017
53	Baidyanath Ghosh	Chemistry	Prof. P.S. Roy	Synthesis and Physicochemical studies on coordination compounds of molybdenum, copper, iron and zinc with 2-amino substituted pterins	Ph.D. (Science)	27/5/2017
54	Nita Tamang	Mathematics	Prof. S. De Sarkar	A STUDY ON FUZZY SEQUENTIAL TOPOLOGICAL SPACES	Ph.D. (Science)	27/5/2017
55	Ashim Ghosh	Chemistry	Prof. P. Ghosh	SYNTHESIS, CHARACTERISATION AND PHARMACOLOGICAL ACTIVITY OF SOME NEW DERIVATIVES OF STEROIDS AND TRITERPENOIDS	Ph.D. (Science) (PRE)	22/7/2017

**Ph.D. list of 47th Annual Convocation held on June 02, 2017
(Faculties of Arts, Commerce & Law)**

Sl. No	Name of the Candidate	Name of the Supervisor(s)	Subject	Topic	Degree Obtained (as per New/Old ordinances)	Date when Admitted
01	Rupan Sarkar	Prof. Ratna Roy	History	Urbanization in Malda	Ph.D. (Arts)	15/7/2016

		Sanyal		in the Colonial Period: Growth of English Bazar as a Case Study (1813 - 1947)	(Old)	
02	Siddhartha Bhadra	Prof. I. Ray	Commerce	STATUS OF THE COTTON TEXTILE INDUSTRY IN BIRBHUM, BURDWAN AND HOOGLHY DISTRICTS OF BURDWAN DIVISION DURING 1757 - 1857: A CRITICAL OVERVIEW	Ph.D. (Commerce) (Old)	15/7/2016
03	Santanu Basu	Prof. M. Chakraborty	Political Science	Coalition Politics and the Issues of Social Justice: A Study in the context of Directive Principles of State Policy under the Constitution of India	Ph.D. (Arts)	15/7/2016
04	Surajit Ghosh	Dr. H. Ray	Commerce	STUDIES ON INDIAN CAPITAL MARKET UPHEAVALS: A BEHAVIOURAL FINANCE APPROACH	Ph.D. (Commerce) (Old)	15/7/2016
05	Manabendra Roy	Prof. S. De	Political Science	PANCHAYATS, PARTICIPATORY RURAL DEVELOPMENT AND LIVELIHOOD STRATEGIES : A BLOCK LEVEL STUDY OF SELF HELP GROUPS UNDER SGSY IN THE COOCHBEHAR DISTRICT OF WEST BENGAL	Ph.D. (Arts) (Old)	15/7/2016
06	Somen Kumar Roy	Dr. D.K. Roy	Bengali	হিজমি িজ পিচুগাঐ : ফিঁপ%০ চুজিঁমু	Ph.D. (Arts)	15/7/2016
07	Nabamita Bakshi	Prof. S.K. Jash	Bengali	বনিঁমজি চুপু-কু স্ফিঁহে জ পিচুগাঐ	Ph.D. (Arts)	15/7/2016
08	Suman Bhattacharyya	Prof. U. Mandal	Bengali	সিঁচা হজ্঑-ব-ৗচিঁমে জ হিজমি-পিঁচুগাঐ : 1902 - 1935	Ph.D. (Arts)	15/7/2016
09	Pradipta Chakaborty	Prof. M. Yasin	Political Science	The Educational Development and Marxian Philosophy: Policy Perspectives and Strategies of the Communist Party of India (Marxist)	Ph.D. (Arts) (Old)	15/7/2016

		(Co-supervisor)		historical significance		
21	Asoke Kumar Chanda	Prof. Anil Bhuimali	Economics	INVESTIGATING CONSUMER RIGHTS PROTECTION IN INDIA	Ph.D. (Arts)	19/11/2016
22	Debojit Dutta	Prof. B.K. Sarkar	History	KOCH COINAGE: A STUDY IN HISTORICAL PERSPECTIVE	Ph.D. (Arts)	24/01/2017
23	Monalisha Biswas	Prof. M. Ghosh	Philosophy	Philosophy and Hermeneutics	Ph.D. (Arts) (Old)	24/01/2017
24	Tapas Adhikary	Prof. M. Bera	Bengali	ঢ়ন না-লি হ়ম়ি EfeÉj-p B'çmLa;	Ph.D. (Arts)	24/01/2017
25	Geeta Nirola	Prof. B.K. Upadhyay	Nepali	Tulsiram Sharma Kashyapka Kavya Kritiharuko Vishleshan Ra Mulyankan	Ph.D. (Arts) (Old)	24/01/2017
26	Supam Biswas	Dr. S. Ch. Guha Roy & Prof. A.G. Ghosh (Co-supervisor)	History	RISE AND FALL OF THE BENGALI ENTREPRENEURSHIP : A CASE STUDY OF THE TEA PLANTATION INDUSTRY IN HIMALAYAN AND SUB-HIMALAYAN REGION OF BENGAL (1879 – 2000)	Ph.D. (Arts)	24/01/2017
27	Nirmal Chandra Roy	Dr. N.S. Das & Prof. A.G. Ghosh (co-supervisor)	History	THE ORIGIN, GROWTH AND THE DECLINE OF THE UTTARKHANDA DAL (1969-1987)	Ph.D. (Arts)	25/03/2017
28	Malay Saha	Prof. Ratna Roy Sanyal	History	SOCIALISTIC MENTALITY OF THE REBELS OF THE REVOLT OF 1857	Ph.D. (Arts)	25/03/2017
29	Gouri Dey	Prof. Bijoy Kumar Sarkar	History	FASHION AND DESIGNING UNDER THE MUGHALS (AKBAR TO AURANGZEB): A HISTORICAL PERSPECTIVE	Ph.D. (Arts)	25/03/2017
30	Rajendra Adhikari	Dr. K. Datta & Prof. C.K. Mukhopadhyay (Co-supervisor)	Economics	RELATIONSHIP BETWEEN MONEY SUPPLY AND PRICE LEVEL IN NEPALESE ECONOMY	Ph.D. (Arts)	25/03/2017
31	Sudip Khasnobish	Prof. A.G. Ghosh	History	SOCIO-ECONOMIC AND POLITICAL TRANSITION OF DARJEELING TERAİ (1864 - 1994)	Ph.D. (Arts)	25/03/2017

32	Hitesh Chandra Roy	Prof. A.K. Jana	Political Science	ORGANISATION, POLICIES, ELECTORAL AND SOCIAL SUPPORT OF A REGIONAL POLITICAL PARTY: THE CASE OF ASOM GANA PARISHAD (AGP) IN ASSAM (1985 - 2006)	Ph.D. (Arts) (Old)	25/03/2017
33	Partha Sarathi Ghosh	Prof. M. Bera	Bengali	°QaeÉŠfhełl fçlfŠlLajl çeçl-M “°QaeÉijNha’ J “°QaeÉQçlajja’	Ph.D. (Arts)	25/03/2017
34	Krishna Paswan	Dr. K. Jaordar	Philosophy	NON-VIOLENT SOCIETY: A QUEST	Ph.D. (Arts)	25/03/2017
35	Mithun Datta	Prof. M. Bera	Bengali	jççel c-šl Qä£j%om : Ljçqe£ NĒçÛej J Qçlœ çejÑjZ	Ph.D. (Arts)	29/04/2017
36	Sri Kalyan Das	Prof. J. Sankrityayana	Economics	Macroeconomic Instability in India: A Comparative Study of Economic Recession in the 1960s and 1990s	Ph.D. (Arts) (Old)	29/04/2017
37	Shambhu Prasad Chakraborty	Prof. Rathin Bandyopadhyay	Law	PROTECTION OF CIVIL AND ECONOMIC RIGHTS OF TRIBAL PEOPLE UNDER THE INDIAN LEGAL SYSTEM WITH SPECIAL REFERENCE TO THE SITUATION OF TRIBALS IN WEST BENGAL	Ph.D. (LAW)	29/04/2017
38	Mita Roy	Prof. M. Bera	Bengali	Eçen na-Ll pjjçSL ejVL J fĒqp-e pjçS B-¾çjme	Ph.D. (Arts)	27/5/2017
39	Prasad Chandra Roy	Prof. A. Bhatta	Bengali	Evm c-šl ejV-L fĒçahjç£ -Qaej	Ph.D. (Arts)	27/5/2017
40	Chinmoy Sarkar	Prof. K.K. Bagchi	Economics	Agricultural Mechanization in West Bengal: A Comparative Study of Bardhaman and Dakshin Dinajpur Districts	Ph.D. (Arts)	27/5/2017
41	Jayanta Bhattacharjee	Prof. M. Ghosh	Political Science	DEVELOPMENT AND GOOD GOVERNANCE IN URBAN ADMINISTRATION : A STUDY OF BALURGHAT MUNICIPALITY	Ph.D. (Arts)	27/5/2017

42	Tamali Mustafi	Prof. A. Bagchi	History	Studies in the History of Prostitution in North Bengal : Colonial and Post Colonial Perspective	Ph.D. (Arts)	27/5/2017
43	Poulami Bhawal	Prof. A.G. Ghosh	History	SOCIAL AND CULTURAL HISTORY OF A BENGAL DISTRICT, JALPAIGURI (1869 – 1994)	Ph.D. (Arts)	27/5/2017
44	Sujoy Kanti Ghoshal	Prof. A. Bhuimali and Prof. Bipul Malakar (Co-supervisor)	Economics	HUMAN CAPITAL GENERATION AMONG PHYSICALLY CHALLENGED PERSONS (PCPs) : AN EXPLORATORY STUDY OF POLICY INITIATIVES IN EMPOWERING PCPs IN INDIA	Ph.D. (Arts)	22/7/2017

AFFILIATED COLLEGES

Sl. No.	Details	Numbers/Names, Remarks
1.	Total number and name of colleges affiliated to the University of North Bengal	Attached separate sheet: Flag 'A'
2.	Total number of teachers in the affiliated colleges college wise	Attached separate sheet: Flag 'B'
3.	Name of the new colleges for the academic session 2017-18	Nil
4.	Number and name of the constituent colleges	1. University B.T. Evening College 2. Ananda Chandra College 3. Darjeeling Govt. College 4. St. Joseph's College
5.	Total number of teachers in constituent colleges college-wise	1. University B.T. Evening College= 29 2. Ananda Chandra College= 64 3. Darjeeling Govt. College= 97 4. St. Joseph's College= 81
6.	Number and name of the total Non-government colleges (including minority college and private colleges)	Attached separate sheet: Flag: 'C'
7.	Number and name of the total B.Ed. colleges	Nil
8.	Number and name of the total B.P.Ed colleges	1. Model B.P.Ed. College
9.	All Law colleges affiliated to the University of North Bengal	1. Jalpaiguri Law College 2. Indian Institute of Legal Studies
10.	Total Honours subject of all colleges affiliated to the University of North Bengal	B.A.=15, B.Sc.=10, B.Com.=03
11.	Total number of teachers in University colleges college-wise	University B.T. & Evening College = 29
12.	Total enrolment, Graduate level all courses	UG = 94060
13.	Percentage of SC/ST/OBC	SC=34%, ST=9%, OBC=10%
14.	Number and name of the total autonomous colleges	Nil

A. Total number and name of colleges affiliated to the University of North Bengal

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 Mahavidyalaya
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
16.	Model B.P.Ed. College
17.	Rajganj College
18.	Samuktala Sidhu Kanhu College
19.	Darjeeling Govt. College
20.	Kalimpong College
21.	Bijanbari Degree College
22.	Kurseong College
23.	St. Joseph's College
24.	Cluny Women's College
25.	Southfield College
26.	Siliguri College
27.	Siliguri College of Commerce
28.	Salesian College
29.	Siliguri Mahila Mahavidyalaya
30.	Sonada Degree College
31.	Kalipada Ghosh Terai Mahavidyalaya
32.	Surya Sen Mahavidyalaya
33.	Mirik Degree College
34.	Ghoom Jorebunglow Degree College
35.	Gyanjyoti College
36.	Nakshalbari College
37.	Munshi Premchand Mahavidyalaya
38.	Acharya Prafulla Chandra Roy Govt. College
39.	Indian Institute of Legal Studies
40.	University B.T. & Evening College
41.	Islampur College
42.	Chopra kamala Paul Smriti Mahavidyalaya
43.	Dhupguri Girls' College
44.	Lilabati Mahavidyalaya
45.	Banarhat Kartik Oraon Hindi Government College
46.	Government General Degree College, Gorubathan
47.	Govt. General Degree College, Pedong
48.	Pijush Kanti Mukherjee Mahavidyalaya

B. Total number of teachers in the affiliated college's college wise

Sl. No.	Name of the College	No. of teachers
1.	Ananda Chandra College	64
2.	Ananda Chandra College of Commerce	22
3.	P.D. Women's College	41
4.	Birpara College	13
5.	Jalapiguri Law College	12
6.	Falakata College	17
7.	Alipurduar College	36
8.	Parimal Mitra Smiriti Mahavidyalaya	21
9.	Sukanta Mahavidyalaya	55
10.	Vivekananda College	23
11.	Saheed Kshudiram College	14
12.	Nani Bhattacharjee Smarak Mahavidyalaya	12
13.	Maynaguri College	55
14.	North Bengal St. Xavier's College	45
15.	Alipurduar Mahila Mahavidyalaya	23

16.	Model B.P.Ed. College	13
17.	Rajganj College	31
18.	Samuktala Sidhu Kanhu College	12
19.	Darjeeling Govt. College	97
20.	Kalimpong College	62
21.	Bijanbari Degree College	06
22.	Kurseong College	37
23.	St. Joseph's College	81
24.	Cluny Women's College	34
25.	Southfield College	38
26.	Siliguri College	71
27.	Siliguri College of Commerce	14
28.	Salesian College	38
29.	Siliguri Mahila Mahavidyalaya	17
30.	Sonada Degree College	09
31.	Kalipada Ghosh Terai Mahavidyalaya	61
32.	Surya Sen Mahavidyalaya	25
33.	Mirik Degree College	09
34.	Ghoom Jorebunglow Degree College	36
35.	Gyanjyoti College	37
36.	Nakshalbari College	24
37.	Munshi Premchand Mahavidyalaya	24
38.	Acharya Prafulla Chandra Roy Govt. College	13
39.	Indian Institute of Legal Studies	10
40.	University B.T. & Evening College	29
41.	Islampur College	29
42.	Chopra kamala Paul Smriti Mahavidyalaya	09
43.	Dhupguri Girls' College	09
44.	Lilabati Mahavidyalaya	15
45.	Banarhat Kartik Oraon Hindi Government College	07
46.	Government General Degree College, Gorubathan	18
47.	Govt. General Degree College, Pedong	09
48.	Pijush Kanti Mukherjee Mahavidyalaya	09
T O T A L		1386

C. Number and name of the total Non-Government colleges (including Minority College and private 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 Smriti Mahavidyalaya
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
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

Report on Jalpaiguri Campus, University of North Bengal

Academic Session 2017-2018

The University of North Bengal has commenced the classes on the newly established Jalpaiguri campus in the premises of Jalpaiguri Government Engineering College on and from 16th August, 2013. The Inaugural ceremony of Jalpaiguri Campus, University of North Bengal was held on 16th August, 2013 at Sarojendra Deb RaikotKalakendra.

Initially four departments (Bengali, English, Sanskrit and Geography & Applied Geography) started functioning from the academic session 2013-14. While the departments of Bengali, English, and Geography & Applied Geography are already existed in the NBU campus (Raja Rammohunpur), the department of Sanskrit is a new addition to Jalpaiguri campus. Two cars are regularly plying to and fro between campuses for taking the classes by the faculties.

All departments of Jalpaiguri campus have started their classes to the new building of University of North Bengal in the Engineering College from August, 2017. There is an office started functioning– mainly for ensuring that the students do not have to move to and fro between campuses for administrative supports from the inaugural date.

Sl. No.	Name of the Post	Name
1	Assistant Registrar (cont)	Dr. SusmitaMisra

Non-Teaching Staff, Junior peon: Mr. Rony Dutta

Publication: Journal

Name of the Author	Name of the Journal/ Volume	Year of Publication
Dr. SusmitaMisra	The Quarterly Review of Historical Studies, Published by Institute of Historical Studies, 8/1 Loudan Street, Kolkata-700017, Volume. LVII, Nos.1&2, Oct' 2017-March' 2018.	Oct' 2017-March' 2018

LIBRARY, JALPAIGURI CAMPUS

Information for Annual Report 2017-2018

1. Name of the Department : NBU Library, Jalpaiguri Campus.
2. No. of the Library staff : 02

Sl. No.	Name	Designation
1	Dr. Ranjit Kumar Mitra	Librarian-In-Charge (Honorary)
2	TaherulPramanik	Group- C (Mandays)

3. Student's member : 219

Name of the Department	Male and Female	
	1 st Semester	3 rd Semester
Bengali	28	22
English	27	27
Geography & Applied Geography	21	22
Sanskrit	36	36
Total	112	107

4. Organizing Seminar/Conference/Workshop : Nil
5. Publication if any : Nil
6. Any other activities : Nil
7. Total No. of books : 2,424

Name of the Department	Number of Books
Bengali	1081
English	411
Geography & Applied Geography	144
Sanskrit	716
General	72
Total	2,424

8. Library Facilities :

I) Library hours:

- a) Monday to Friday 11.00 a. m to 5.00 p. m
- b) Lending hours 12.00 noon to 4.30 p. m

Books for return are to be deposited at the counter at least 15 minutes before closing of the lending hours.

II) Membership & Borrowing facilities :

- a) Student members are eligible to borrow maximum limit of 2 books for 15 days.
- b) Teacher members are eligible to borrow maximum limit of 5 books for 30 days.
- c) Subject to the permission of the Library- in- charge a non- lending book may be issued over night and the same is required to be returned to the Library the next working day within 12 noon.
- d) Books and documents having academic value accepted for photo copy, official document of the university also facilitated free for photo copy.

III) Reading room (Reference room) facilities.

DEPARTMENT : BENGALI
(JALPAIGURI CAMPUS), NBU

• **NAME OF THE FACULTIES :**

Full time faculty – Dr.Urbi Mukherjee, Assistant Professor, NBU (July, 2017)

Guest faculty -- Dr. Nikhil Chandra Roy, Professor, NBU

Dr.Bikash Chandra Paul, Assistant Professor, NBU (August, 2017)

Dr. Surya Lama, Assistant Professor, NBU (August, 2017)

Name of Non-Teaching Staff: Nil

Student Strength:

Semester	Male	Female
1 st Sem	5	23
3 rd Sem	8	14

PERSONAL DETAILS OF FULL TIME FACULTIES :

1. **Dr.Urbi Mukherjee, Assistant Professor, NBU**

Workshops :

- Participated in the workshop on “Methodological Approach to Research in Humanities” at Aliah University, jointly organized by Byanjanbarna, held on 26th Dec.-1st January, 2017-18.

DEPARTMENT : ENGLISH

(JALPAIGURI CAMPUS), NBU

1. **Name of the Department:** Department of English, Jalpaiguri Campus

2. **Name of the Faculties:**

- a) Prof. Ashish Sengupta (From Nbu Main Campus)
- b) Asstt Prof. Ranjan Ghosh (From Nbu Main Campus)
- c) Asstt Prof. Bishnupada Roy (From Nbu Main Campus)
- d) Asst. Prof. Koushani Mondal (From Nbu Main Campus)
- e) Asst. Prof. Nirmalya Biswas (From Nbu Main Campus)

3. **Name of the Non-Teaching Staff:** None

4. **Student's Strength 2017-2018-** 1stSem- (Male: Female): 5:20
3rdSem- (Male: Female): 10:17

Academic Activities for the Year 2017-2018 (April 1st 2017– March 31st 2018)

Name: Zinia Mitra

Department: English

Designation: Assistant Professor

9. Seminars /conferences attended

	Name of seminar/conferences	Venue & Date	Title of paper presented
	UGC Sponsored National Seminar on Women, Society and Crime	Centre for Women Studies, NBU 31st March 2017	Virginia Woolf : a reading in a new light
	UGC sponsored National Seminar	Department of English 12th Sept 2017	Reading Rabindranath Tagore's Tapovan
	Departmental Seminar	Department of English Nakshalbari College 14th September 2017	Shakespeare's Sonnets

* attended all seminars organised by Dept. of English

11. Publication :

	Title	Book /Journal /Volume	Year of Publication
	Contemporary Indian Theatre: Theatricality and Artistic Crossovers, - A review	Asiatic I lum journal of English Language and Literature, Volume 2 no.2 2017	2017

DEPARTMENT : GEOGRAPHY & APPLIED GEOGRAPHY

(JALPAIGURI CAMPUS), NBU

Name of The Department: Department of Geography & Applied Geography, University of North Bengal, Jalpaiguri Campus

Name of the Faculties:

- 1. Dr. Indrajit Roy Chowdhury**
- 2. Prof. Subirsarkar** (From Nbu Main Campus)
- 3. Prof. SushmaRohatgi** (From Nbu Main Campus)
- 4. Prof. Dipak Kumar Mandal** (From Nbu Main Campus)
- 5. Prof. Ranjan Roy** (From Nbu Main Campus)
- 6. Dr. Indira Lepcha Lama** (From Nbu Main Campus)
- 7. Dr. Sudip Kumar Bhattacharjee** (From Nbu Main Campus)
- 8. Dr. SnehashisSaha** (From Nbu Main Campus)
- 9. Mr. ArindamBasak** (From Nbu Main Campus)

Name of Non-Teaching Staff: Nil

Student Strength:

Semester	Male	Female
Second	11	10
Fourth	9	13

Visiting Fellow:

Name of the Visiting Fellow	Duration
Prof. AnisChattapadhyay	20-24 Nov, 2017
Prof. Ashish Sarkar	18-22 Dec., 2017
Prof. P. Nandi	12-18 Dec., 2017

Seminar/Conference attended (Outside the Country & within the Country)

Name of the teacher	Name of the seminar/conferences	Venue and date	Title of the paper presented
DR. INDRAJIT ROY CHOWDHURY	UGC SPONSORED SAP DRS II NATIONAL SEMINAR	Department of Geography & Applied Geography, University of North Bengal, March 23-24, 2018	Eco Friendly Fuel Efficient Mode Of Vehicles And Sustainable Environment: An alternative planning for Mitigating Environmental Hazardd in Siliguri City
	4 TH INTERNATIONAL SEMINAR ON POPULATION, URBANISATION AND ENVIRONMENT: CONTEMPORARY ISSUES AND CHALLENGES	Department of Geography, University of GourBanga, March 23-24,2018	Assessment of Road traffic Congestion and its Mitigating Planning Strategies: A case study on Siliguri Air view more traffic intersection point

	40 TH INDIAN GEOGRAPHY CONGRESS 2018 ON CLIMATE VARIABILITY, VULNERABILITY AND RESOURCE MANAGEMENT STRATEGIES FOR SUSTAINABLE DEVELOPMENT AND GEOSPATIAL TECHNOLOGIES	Department of Geography, Rajiv Gandhi University, 21 st to 22 nd march, 2018	Future Prospect of Amrut: A New Initiative for Good Governance in Urban Spheres of West Bengal
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Publication: Book

Name of the Author	Name of the Chapters in Book	Year of Publication
Dr. Indrajit Roy Chowdhury	<i>New Trends of Geo Spatial Building: Quantum Geographical Information System: A New Era of Globalisation</i> , Relevance and Impact of Open Source Software in the Era of Globalisation, Madhav Books (p) LTD. ISBN:978-93-80615-35-6	2017
	<i>AirConditioned Bus Services in Kolkata City: Environmental Impact</i> , Changing Scenario and Arising Conflict in Contemporary India, PakhirAkashPrakashani, ISBN: 978-81-929234-8-2	2017
	<i>Identifying the Causes of Water Scarcity and Sustainable Water Conservation for Improving Livelihood in Bankura District, West Bengal</i> , Natural Resources Management for Sustainable Development and Rural Livelihoods, Department of Geography Sciences and Natural Resource Management, Mizoram University, Today's and Tomorrow Publishers, New Delhi, Vol: 1, ISBN 81-7019-584-1 (India), 1-55528-434-5 (USA)	2017

Publication: Journal

Name of the Author	Name of the Journal/ Volume	Year of Publication
Dr. Indrajit Roy Chowdhury	GhosalSoumik& Roy Chowdhury, Indrajit (2018): <i>Land Degradation and its Possible Consequences on the Environment: A Case Study of Amta Gram Panchyat, Haora, West Bengal</i> , International Journal of Research and Analytical Reviews, Vol: 5, Issue: 4, PP. 619-628, ISSN:2349-5138	<u>2018</u>
	Chowdhury, I.R (2018): <i>Future Prospect of AMRUT: A New Initiative for Good Governance in Urban Spheres of West Bengal</i> , The Observer, The Students Geographical Association, Department of Geography, University of Calcutta, Vol:53, ISSN: 2230-9535	<u>2018</u>

DEPARTMENT : SANSKRIT

(JALPAIGURI CAMPUS), NBU

Name of the Department: Department of Sanskrit, Jalpaiguri Campus, University of North Bengal.

Name of the Faculties:

- 1) Asst. Prof. Rafikul Alam, H.O.D.
- 2) Asst. Prof. Sudip Mandal

Guest faculty

Prof. Dr. Raghunath Ghosh

**Dr. Subhra Ghosh
Dr. Gurucharan Das
Dr. Tapas Pal**

Name of the Non-Teaching Staff: Nil

Student Strength:

Semester	Male	Female
First	12	23
Third	18	17

Name of the Faculty: Asst. Prof. Sudip Mandal

Seminar/Conference attended (Outside the Country & within the Country)

Sl. No.	Title of the Paper	Presented in	Date of Presentation
1	Deliver a Lecture as an invited Speaker on MahābhāṣyePratipādita mvākyalakṣaṇam	State Level Seminar on “Samāsatattva-vimarśaḥ” organized by the Department of Sanskrit, Cooch Behar PanchananBarma University, Cooch Behar, West Bengal.	29 th May, 2017

Publication/Book Chapters:

Sl. No.	Title of the Article	Published in	Year of Publication
1	Yadāgamāstadguṇībhūtā stad-grahaṇenagrhyante	PāṇinīyatantreAsiddhatvātideśau, Ramakrishna Mission Vivekananda Educational and Research Institute, Belur Math, Howrah – 711202 ISBN– 978-93-84425-18-0	2017
2	MahābhāṣyeAthaRājaga vīkṣīresamāsanirṇayādhi karaṇam	Samāsavistarāḥ Banaras Mercantile Company 125, Mahatma Gandhi Road, Kolkata – 6 ISBN– 978-81-86359-68-0	2017

Workshop Attended

- ◆ Workshop on "Restructuring The Under Graduate Syllabus Based on CBCS (Honours and General)" organised by the Council for Under-Graduate Studies in Arts, Science, Commerce and Law & Board of Under-Graduate Studies in Sanskrit, University of North Bengal, Raja Rammohunpur, Darjeeling, West Bengal, on 21st December 2017.

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