



ENLIGHTENMENT TO PERFECTION

ANNUAL REPORT

2016-2017

UNIVERSITY OF NORTH BENGAL

Accredited by NAAC with Grade A

Raja Rammohunpur

Dist. Darjeeling

PIN 734 013

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Raja Rammohunpur
Dt. Darjeeling
PIN - 734013

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



ENLIGHTENMENT TO PERFECTION

UNIVERSITY OF NORTH BENGAL

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FOREWORD

It gives me immense pleasure to introduce the Annual Report 2016-2017 of the University of North Bengal. I am honored to be part of a new era of excellence for the University and I look forward to serving the University, particularly in driving an even closer relationship with the communities and stakeholders of this august institution. This Annual Report serves as a reminder of the University's success and outlines the promise of many more achievements yet to come.

We all know that education has the power to transform lives at any and every age. The Annual Report depicts the University's core research mission through the publication and dissemination of evidence-based, factual enquiry and empiricism. Our faculties are leaders in their fields, and their impact can be felt in three main ways: They connect with the world around them, they innovate in areas of research, and they inspire others to reach new heights.

The report provides examples with demonstrate that ultimately, all our work is directed towards changing lives, and helping students and other stakeholders to achieve their full potential. We are driving for better educational opportunities for students, through the increased use of technology, and taking measures to continue to increase and consolidate the position of this University in the educational landscape of the country. All of these required increased and renewed efforts, a strong commitment to improve data collection and analysis, accountability frameworks for leaders, and established responsibilities for all stakeholders. I am, therefore, expressing my heartfelt gratitude and sincere thanks to all of them.

We know that success is founded on partnership and I am happy that the whole community of the University is striving to achieve the maximum impact with the resources entrusted to us. The aspirations and actions set in motion this year will influence generations to come.

Best Regards,
Place: Raja Rammohunpur
Date: 6th March, 2020

Dr. Subires Bhattacharyya
Vice-Chancellor

FROM THE DESK OF THE DEVELOPMENT OFFICER

Greetings! from the Development Office, as we place before you the Annual Report.....

As every year, the Annual Report showcases the activities we have indulged in, projecting exactly where we stand as a University. Going through the pages, will contribute to each of our understandings in the system we associate with it, and mark our places as to where we exactly stand. Whether at all it has been with pride, or regret.

However what matters at the end is the efforts we have each put in with sincerity of thought and action, and in all solidarity.

Dr. Nupur Das
Development Officer (In-charge)

OUR VICE CHANCELLORS & THEIR TENURE IN OFFICE



ENLIGHTENMENT TO PERFECTION

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

As on 31st March 2017

LIST OF OFFICERS' FOR THE YEAR 2016-2017

(AS ON 31. 03. 2017)

Sl. No.	Name of the Officers	Designation of the Officers
1.	Dr. Dilip Kumar Sarkar	Registrar
2.	Pradip Kumar Ghosh	Finance Officer
3.	Dr. Subrata Sanyal	Inspector of Colleges
4.	Dr. Susanta Das	Controller of Examinations
5.	Dr. Swapan Kumar Rakshit	Deputy Registrar
6.	Dr. Sukhendra Narayan Saha	Audit & Accounts Officer
7.	Dr. Minakshi Chakraborty	Development Officer
8.	Sri Brindaban Karmakar	Jt. Librarian
9.	Dr. Abhijeet Deb	Secretary, Faculty Council for Post. Graduate Studies in Arts, Commerce & Law
10.	Dr. Nupur Das	Secretary, Councils for Under Graduate Studies
11.	Dr. Debasis Dutta	Deputy Controller of Examinations
12.	Sri Gautam Sarkar	Tech. Officer-II
13.	Dr. Samir Kumar Sarkar	Jt. Scientific Reserch Officer Gr.II
14.	Dr. Arunava Bhadra	Sr. Reserch Physicist
15.	Sri Binod Kumar	Assistant Engineer(Electrical)
16.	Sri Ajay Misra	Documentation Officer
17.	Dr. Biswajit Chatterjee	Secretary to the Vice-Chancellor
18.	Sri Subhrangsu Kr.Mistri	Assistant Librarian
19.	Sri Santanu Chanda	Assistant Librarian
20.	Sri Joydeep Biswas	Assistant Controller of Examination
21.	Sri Surajit Das	Accounts Officer
22.	Sri Kamala Kanta Ghosh	Estate Officer
23.	Sri Arindam Mukherjee	Research Officer
24.	Sri Manash Esh	Information Scientist
25.	Sri Tamal Sarkar	Tech. Officer (I)

Compiled by Registrar Branch

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CHAPTER - I

GENERAL

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 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.

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.

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.

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

8 Teachers visited foreign countries from UGC funds and 97 Teachers participated in National Conferences from UGC funds.

Teachers of various departments of the University have published more than 419 books and articles / papers / journals in refereed National and International Journals.

23 departments of the Arts, Commerce and Law faculty as well as of Science Faculty have organized 78 nos of Seminars and Workshops during this year 2016-2017.

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.*

Following 2 new Colleges were established during the Academic Session 2016-2017, which is affiliated to the University of North Bengal:

- i) Trinity B.Ed. College
- ii) Uttarayan College of Education

3 departments of the Arts, Commerce and Law faculty as well as of Science Faculty have received 8 nos of Awards during this year 2016-2017.

Other Important Activities:

The Akshaya Kumar Maitreya Heritage Museum of North Bengal University has received 8 numbers of artifacts during the period of 2016-2017. Scholars from different parts of India and some even from China, Bangladesh, Srilanka, Japan, Taiwan and other countries now visit the Museum. More than 9,000 visitors were come to the Museum.

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

UGC Human Research Development Centre organized and conducted 03 Orientation Programmes for newly appointed College/University Teachers and 06 Refreshers Courses for serving Teachers in this region and 03 Short-term Courses for Officers, Principals and Non-teaching Staff.

In this year 2016-2017 one number of construction work has been completed in the campus of the University of North Bengal from the State Government fund.

Our University Library speaks volumes regarding the academic pursuits of our University. Total number of documents added in this year is 21,043. 1540 numbers of retrospective Theses & 650 numbers of Rare Books have been converted into digital format. During the period, library has up-graded itself considerably. The details are:

Library Statistics:

Sl. No.	Particulars	2016-2017
	Total number of documents accessioned	2,99,546
I	Text Books	2,45,209
II	Reference Books	8,999
III	Rare Books	648
IV	Bound Periodicals	38,745
V	Theses	1,471
VI	Non—Print Materials	1,049
VII	Census	2,350
VIII	Reports	1,794
IX	Gazetters	180
X	Debates	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.

A centralized Liquid Nitrogen Plant (StirLITE Liquid Nitrogen Plant of Stirling Cryogenics, DH Industries BV, Netherlands) has been installed at USIC this financial year.

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 under process.

In this year 2016-17 University Press has completed 219 indents and during these period University Press has earned Rs. 25,22,712.00/-

3635 number of Patients examined at the Health Centre.

Controller of Examination has to conduct 179 types of examinations annually, thereby, catering to around 2,00,000 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 some Refresher Courses, Short Term Courses, International Women's Day on 8th March, 2017, some awareness programme on sexual harassment bill and Seminar on women, society & crime.

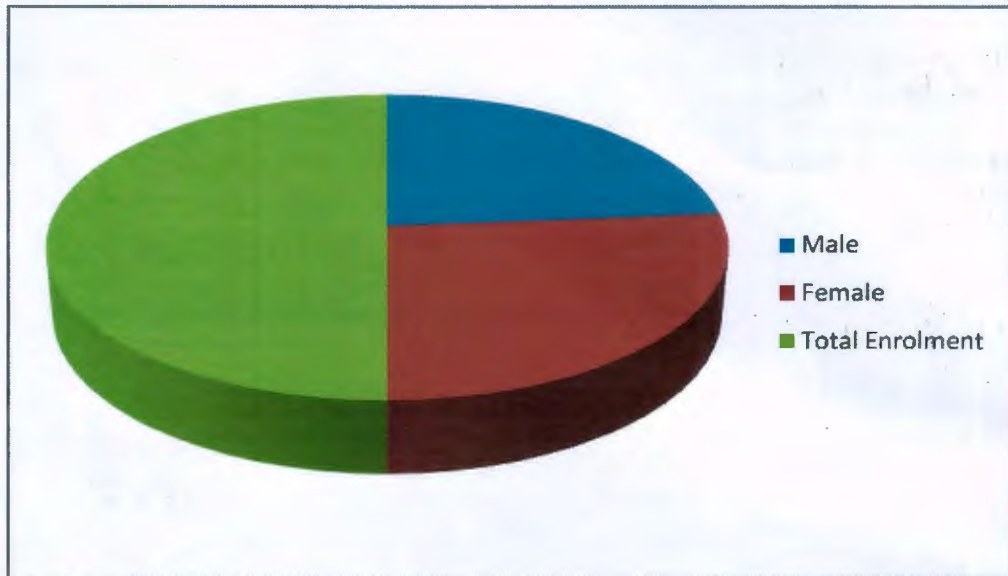
The students of the Department of Mass Communication are making short films/ documentaries, preparing advertisements, house journals to mention a few. Students' Film Festival BIOSCOPE 2016 was organized for the very first time.

The three (3) member Athletics team participated in the 77th All India Inter University Athletics Meet 2016-17 and achieved Silver Medal in the said National Level Competition by securing second position in 200m Sprint (Women) event for the University.

Many types of Crop have been planted in the year 2016-2017 by the Centre of Floriculture and Agri-Business Management (COFAM). The centre has also organized some training programmes and awareness programmes.

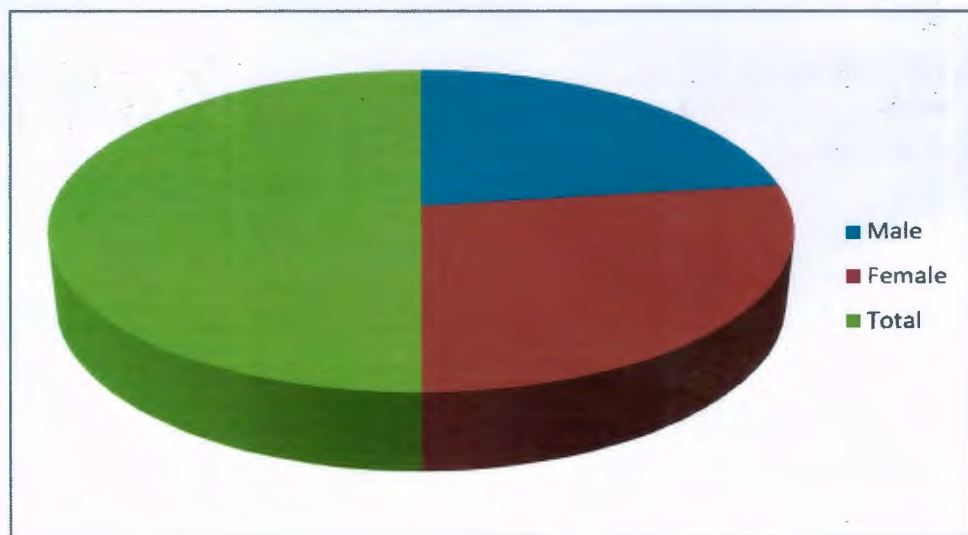
**TOTAL STUDENTS ENROLMENT OF
UNDERGRADUATE COLLEGES**

Year	Male	Female	Total Enrolment
2016-2017	22,864	25,404	48,268



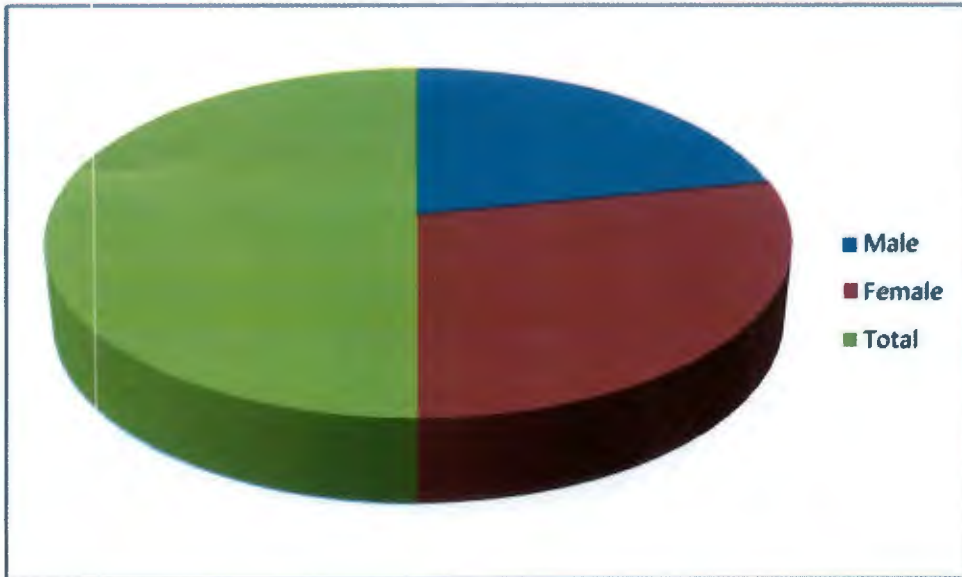
**SC/ST STUDENTS ENROLMENT
IN UNDER-GRADUATE COLLEGES**

Year	Male	Female	Total
2016-2017	10,042	11,879	21,921



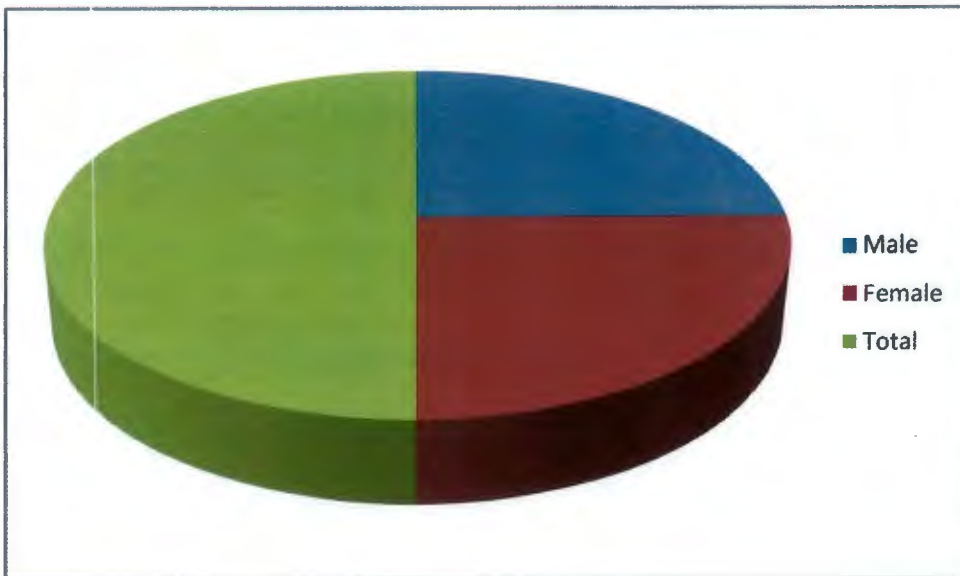
**TOTAL STUDENTS ENROLMENT
IN REGULAR POST GRADUATE TEACHING DEPARTMENTS**

Year	Male	Female	Total
2016-2017	598	769	1367



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

Year	Male	Female	Total
2016-2017	260	262	522



CHAPTER - II

**POST-GRADUATE TEACHING
DEPARTMENTS**

SCIENCE

DEPARTMENT OF ANTHROPOLOGY

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

2. **Date of Establishment: Year 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 Faculties:**

Professor	Associate Professor	Assistant Professor
Prof. Jaydip Sen (Specialization: Physical Anthropology & Human Genetics).	Dr. Samar Kumar Biswas (Specialization: Social-Cultural Anthropology).	Dr. Pinak Tarafdar (Specialization: Social-Cultural Anthropology).

5. **Name of Ph.D. Research Scholars:**

- (i) Sri. Yougan Tamang, UGC-Senior Research Fellow,
- (ii) Sri. Binu Dorjee, UGC-Senior Research Fellow,
- (iii) Smt. Sampriti Debnath, UGC-Junior Research Fellow,
- (iv) Smt. Pushpa Lata Tigga, Rajiv Gandhi National Fellow,
- (v) Smt. Grace Leivon, Rajiv Gandhi National Fellow,
- (vi) Smt. Chumu Sherpa, Rajiv Gandhi National Fellow,
- (vii) Smt. Susmita Roy, Rajiv Gandhi National Fellow,
- (viii) Smt. Manisha Thapa, Rajiv Gandhi National Fellow,
- (ix) Sri. Sukanta Das, Rajiv Gandhi National Fellow,
- (x) Sri. Subhankar Roy, Senior Research Fellow, State/University Fellow,
- (xi) Sri. Ashok Das Gupta, Research Scholar,
- (xii) Mr. Amit Ghosh, Research Scholar,
- (xiii) Mr. Mandip Tamang, Research Scholar,
- (xiv) Mrs. Mridusmita Goswami, Research Scholar,
- (xv) Ms. Depica Dahal, Research Scholar,
- (xvi) Mr. Riway Rai, Research Scholar,

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

- (i) Riway Rai, Project Fellow

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

- i) **Name:** Sri. Narayan Das, **Designation:** Senior Assistant

8. Student Strength:

Students		Male	Female	Total
Part-I	1 st Semester	5	13	18
	2 nd Semester	5	12	17
Part-II	3 rd Semester	3	9	12
	4 th Semester	3	9	12

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

Seminar Prof. Jaydip Sen: NIL

Seminar Dr. Samar Kumar Biswas:

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
Dr. Samar Kumar Biswas	An UGC, ICSSR, ASI Sponsored National Seminar on "Anthropology in the Present Era"	23-24 March 2017 Department of Anthropology, NBU	Organizing Secretary of the UGC, ICSSR, ASI Sponsored National Seminar
Dr. Samar Kumar Biswas	National Seminar on "Tribal Development in West Bengal"	15-16. 6.2017; Cultural Research Institute, Kolkata	Delivered an Invitee Lecture " <i>Development of Toto Tribe</i> "

Dr. Pinak Tarafdar:**Invited lecture/Paper presentation and session chaired in the National and International Seminars**

1. Participated and presented paper entitled Consequences of Religious Conversion on Health Seeking Behaviour: A Study on Distantly Located Scheduled Tribe of West Bengal in the National Seminar on 'Tribal Health and Nutrition' organized by Cultural Research Institute, sponsored by Ministry of Tribal Affairs, Govt. of India on 15th June 2016.
2. Invited paper on Exploring and Experiencing Santal Health Seeking Behaviour: Bodding and Author in the International Seminar on Tribal/Indigenous Health Care System: Tribute to P.O. Bodding, Organized by the Asiatic Society in its premises on 23 & 24 February, 2017.
3. Invited paper on Explanatory Models (EM) and Health Seeking Behaviour: The Existential Consequences in the National Seminar on Role of Anthropology in Public Health, organized by Department of Anthropology, Sri Chaitanya College, Habra and Department of Anthropology, West Bengal State University in collaboration with Anthropological Survey of India and Indian Council of Medical Research, held 18-19 March, 2017.
4. Session Chaired in the National Seminar on Role of Anthropology in Public Health, organized by Department of Anthropology, Sri Chaitanya College, Habra and Department of Anthropology, West Bengal State University in collaboration with Anthropological Survey of India and Indian Council of Medical Research, held 18-19 March, 2017.

10. Organized Seminar / Conference: Yes

Name of the Seminar Conference	Date of the Seminar / Conference	Remarks
" <i>Anthropology in the Present Era</i> "	23 rd and 24 th of March 2017	Funded by the UGC

11. Publications:

(i) Publications of Prof. Jaydip Sen:

National publications

1. **Binu Dorjee, Sen Jaydip (2016)** Trace elements, Nutritional Anthropology and zinc. *South Asian Anthropologist*. In press.
2. **Dorjee B, Sen J (2016)** Estimation of stature from arm span, arm length and tibial length among Bengalee children aged 3-11 years. *Human Biology Review*, 5(2):128-145.

International publications

3. **Mondal Nitish, Timungpi Ruplin, Kathar Moniram, Hanse Sarlongki, Teronpi Siko, Timung Ajitsingh, Bose Kaushik, Sen Jaydip (2017)** Cut-off point estimation of neck circumference to determine overweight and obesity among Asian Indian adults *Epidemiology, Biostatistics and Public Health*. 114(2):12310-1 - 12310-9. doi: 10.2427/12310
4. **Debnath Sampri, Mondal Nitish, Sen Jaydip (2017)** 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. *Anthropological Review*. 80:85-102. doi: 10.1515/anre-2017-0004
5. **Tigga Pushpa Lata, Sen Jaydip (2016)** Maternal body mass index (BMI) is strongly associated with children z-scores for height and BMI. *Journal of Anthropology*. Article ID 6538235. doi: <http://dx.doi.org/10.1155/2016/6538235>
6. **Debnath Mampi, Tigga Pushpa Lata, Mondal Nitish, Sen, Jaydip (2016)** Birth Order, Father's Occupation and Family Size are Strongly Associated with Thinness Among Bengalee Adolescent Girls of Darjeeling District, West Bengal (India). *Journal of Nepal Paediatric Society*. 36:115-120. doi: <http://dx.doi.org/10.3126/jnps.v36i2.15520>
7. **Roy Susmita, Barman Sweetta, Mondal Nitish, Sen Jaydip (2016)** Prevalence of stunting and thinness among adolescent girls belonging to the Rajbanshi population of West Bengal, India. *Journal of Nepal Paediatric Society*. 36:147-155. doi: <http://dx.doi.org/10.3126/jnps.v36i2.14535>
8. **Mondal Nitish, Sen Jaydip, Bose Kaushik, Timungpi Ruplin, Kathar Moniram, Hanse Sarlongki (2016)** Neck circumference as a screening measure of overweight/obesity among Indian adults. *Anthropological Review*. 79(3):345-363. doi: 10.1515/anre-2016-0025

(ii) Publications of Dr. Samar Kumar Biswas:

Publication:

1. **Biswas, Samar Kumar, 2016.** Conflict, Tension and Violence of Human Rights in West Bengal, India with Special Reference to Lalgarh, West Medinipur, *North Bengal Anthropologist annually*, 4:127-137 [ISSN: 2320-8376].

2. **Gan Biswanath and Samar Kumar Biswas**, 2016. Effect of Family Environment on Children's Well-Being: A Case Study. *North Bengal Anthropologist annually*, 4: 63-75 [ISSN: 2320-8376].
3. **Ghosh, Amit Kumar and Samar Kumar Biswas**, 2016. The Jarawa (*Ang*) in Transition: Theoretical Appraisal and Empirical Issues, *North Bengal Anthropologist annually*, 4:1-9 [ISSN: 2320-8376].

(iii) Publications of Dr. Pinak Tarafdar:

Publications:

Book (Monograph):

1. **Culture of Health Seeking Behaviour: A Medical Anthropological Study on the Drukpas of BuxaDuar region of West Bengal, India**, B.R. Publishing Corporation, Delhi, 2017.

Articles in the Edited Books and Journals:

1. **Intangible Cultural heritage: A case of Traditional Knowledge on Health Seeking Behaviour**, Journal of the Asiatic Society, Vol. LVIII Nos. 1 & 2 (Papers in Commemoration of Robert Bruce Foote, Father of Prehistoric Archaeology of India). pp.117-132, 2016.
2. **The Burial Practices among the Koms of Manipur: A Continuation of the Indigenous Culture, Knowledge and Technology of Megaliths**, Journal of the Asiatic Society, Vol. LVIII No.3, pp.1-23, 2016
3. **Land Alienation and Indigenous Rights: The Toto Context**, in B. Chaudhuri and S. Biswas (eds.) Anthropology and Human Rights, Rawat Publications, New Delhi, 2017 (ISBN: 978-81-316-0838-8).
4. **A Study on the Health Care Practices among the Sherpas- A Hill Tribe of West Bengal**, in M.C. Behera (ed.) Tribal Studies after Hundred Years: Glimpse at Perspective Dynamics, (Vol.1), Rawat Publications, Jaipur. (In press).

Book Review:

Health and Human Rights, The Tribal Situation in West Bengal written by Arpita Ghosh,
Published in North Bengal Anthropologist Annually, vol. 5, 2017

12. Research Projects (Major & Minor): Yes

Prof. Jaydip Sen: **Nil**

Dr. Samar Kumar Biswas: **Two**

Dr. Pinak Tarafdar: **Nil**

Details about two Projects of Dr. Samar Kumar Biswas

Title of the Scheme Project	Sanctioned Authority	Type of Project	Remarks
1) <i>"Deforestation and Land Alienation: Living on the Edge A Study on an Endangered Tribe"</i>	UGC	Major Research Project	(F.No.42-492/2013 (SR); Dated: 20 TH February, 2014)" for the tenure of 01.4 2013 to 31.3. 2017. Rs. = 727100/-
2) <i>Culture and Livelihood of the Sherpas</i>	NBU	Minor Research Project	Ref. No. 4355/ R-2015; Dated: 23.12.2015', Rs. =75,000/-; period: 1 st April, 2015- 31 st March, 2016

13. Visiting Fellow: UGC

Name of the Visiting Fellow	Duration	
Prof. Subhadra Mitra Channa, (Retd.) Professor, Dept. of Anthropology, Delhi University	01.12.2016-10.12.2016	

14. Any other information (Award received): NIL

DEPARTMENT OF BIO-TECHNOLOGY

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	Associate Professor	Assistant Professors
Prof. Ranadhir Chakraborty	Dr. Shilpi Ghosh	Dr. Dipanwita Saha Dr. Anoop Kumar
5. Name of the Research Scholars:
 - Mr. Shyama Prasad Saha
 - Ms. Deepika Mazumdar
 - Ms. Khusboo Lepcha
 - Mr. Vaskar Das,
 - Ms. Vijeta Rai, CSIR-JRF
 - Mr. Bipranch K Tiwari
 - Mr. Vivek K Ranjan (BT-BET, JRF)
 - Mr. Subhanil Chakraborty (INSPIRE Fellow, DST)
 - Ms. Priti Mangar (UGC-BSR)
 - Ms. Smriti Pradhan (CSIR-JRF)
 - Ms Pinky Lhamu Lepcha
 - Ms Anindita Chakraborty
 - Mr Prasanta Bera
 - Mr. Subhajit Sen
6. Name of the Project Scholars: Mr. Subhajit Sen, DST-JRF
7. Name of the Non –Teaching staff: Mr. Biswajit Burman
 - Mr. Raja Bauri
 - Mr. Dipak Das
- 8 Student strength: **Semester1: 09 (Seven)**
Semester 3: 07 (Five)

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. Shilpi Ghosh	National Seminar on Man and Microbes	28 th to 29 th March, 2016 at Raigunj University, Raigunj, West Bengal.	S. Ghosh (2016) Molecular gene cloning and expression of bacterial phytase. (Invited Lecture).	
Prof. Ranadhir Chakraborty	National Seminar on "Recent Trends in Life Sciences"	26 th March, 2017; Organized by the Department of Zoology, Raiganj	What is inside an earthworm's gut- The microbiome of <i>Eiseniafetida</i> " (KEY NOTE SPEAKER)	
	National Symposium organized to commemorate 100 years of Bose Institute titled on "The World of Microbes: Pathogenesis, environment and evolution"	17 th October, 2016 Bose Institute, Kolkata	"Physical interaction (beyond olfaction?) of earthworm with live microbes during active foraging on cow dung and snooping ephemeral habitat for dung-microbiome in earthworm gut" (INVITED SPEAKER)	
	International Conference titled on "Microbiology in the New Millennium: from molecules to communities"	October 27 to 29, 2017, Bose Institute, Kolkata	"Phenome of a Klebsiella pneumonia strain when environment offers scanty (?) nutrients to sustain life" (INVITED SPEAKER)	
	National Seminar on "Man and Microbes"	28 th to 29 th March, 2016 at Raigunj University, Raigunj, West Bengal.	'Tale of Vancomycin susceptibility/resistance in bacterial residents of two extreme ecological niches, Beringian Permafrost and Indian geothermal springs' (Plenary Speaker)	
	UGC-CPE Interdisciplinary (Science) National Seminar on "Frontiers in Science and Technology towards National Development"	10-11 April, 2016, Acharya B.N. Seal College, Coochbehar	'Future of Science in India'	
Dr. Dipanwita Saha	Current Trends in Plant and Microbial research, 23 rd March 2017.	23 rd March 2017, University of Raigunj.	Ecofriendly management of fungal diseases in tea by Rhizobacteria and botanicals	

	12 th National Symposium on Biotic stress management strategies: Challenges and Environmental Harmonization	7-19 Feb, 2017, Uttar Banga Krishi Viswavidyalay, Coochbehar	Management of fungal diseases in tea by eco-friendly methods
Dr. Anoop Kumar	Recent Advances in fish reproductive biotechnology for propagation of endangered species	National Bureau of Fish Genetic Resources, Lucknow, 18 th July, 2016 to 27 th July, 2016	
	Workshop on Digital India	NBU, 8 th November, 2016	
	Molecular Immunology of Fish and Shellfish	Central Institute of Fish Education, Mumbai, 15 th March, 2017 to 24 th March, 2017	

10. Organized Seminars/Conferences/Workshop

Name Of the Seminar/Conference/workshop	Date of the Seminar
1. Workshop on Vermi-compost and organic manure production	3 rd August, 2016
2. Workshop on Red Lady Papaya and High density Orchard	8 th August, 2016
3. District level Seminar on Lily production	16 th September, 2016
4. Workshop on Vegetable production in Green House	20 th -30 th Jan, 2017
5. Women empowerment and livelihood generating activities, Hands-on training on Oyster Mushroom production	12 th Feb, 2017
6. Seminar on organic multi cropping farming	24 th March, 2017

11. Publication:

	Name of author	Name of Journal/book/volume	Year of publication
Dr. Shilpi Ghosh			
1.	Mandal A, Ghosh S, Ghosh A, Sil S, Bothra AK, Ghosh P (2016) 3-cpihydroxy lup—20(29)-en-19(28)-olide: Partial synthesis, antitopoisomerase activity.	Medicinal Chemistry Research 25:1087-1095	2016
2.	M. Pal Roy, S. Dutta, Shilpi Ghosh, A Novel Extracellular Low-Temperature Active Phytase from Bacillus Aryabhatai RS1 with Potential Application in Plant Growth	Biotechnology Progress, 33: 633-641	2017
3.	Palroy M, Mazumder D, Datta S, Ghosh S (2016) Cloning and expression of phytaseappA gene from <i>Shigella</i> sp.CD2	Plos one e0145745 (IF 3.26).	2016

	in <i>Pichia pastoris</i> and comparison of properties with recombinant enzyme expressed in <i>E.coli</i> .		
4.	Biological evaluation of a halogenated triterpenoid, 2 α -bromo-dihydrobelulonic acid as inhibitor of human topoisomerase II α and HeLa cell proliferation	Chemico-Biological Interactions 268: 68-76	2017
Prof. Ranadhir Chakraborty			
1.	Chowdhury SK, Hore D, Mahanta SK, Adhikari B, Mukherjee M, Mukherjee S, <u>Chakraborty R.</u> (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
2.	Chakraborty S, <u>Chakraborty R.</u> (2017). Genesis of Personalized Medicine: Relevance of Ayurveda in the present Millennium.	J. Mol. Med Genet. Med. 11: 3 DOI: 10.4172/1747-0862.1000285	2017
3.	Tiwary BK, Ghosh R, Moktan S, Ranjan VK, Dey P, Choudhury D, Dutta S, Deb D, Das AP, <u>Chakraborty R.</u> (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.	Mahata D, Jana M, Jana A, Mukherjee A, Mondal N, Saha T, Sen S, Nando GB, Mukhopadhyay CK, <u>Chakraborty R*</u> , Mandal SM. (2017). Lignin-graft-Polyoxazoline Conjugated Triazole a Novel Anti-Infective Ointment to Control Persistent Inflammation. *, Corresponding author	Nature Sci Rep. 2017 Apr 12;7:46412. doi: 10.1038/srep46412. PMID: 28401944	2017
5.	Tiwary BK, Dutta S, Dey P, Hossain M, Kumar A, Bihani S, Nanda AK, Chaudhuri TK, <u>Chakraborty R.</u> (2017). Radical Scavenging Activities of <i>Lagerstroemia speciosa</i> (L.) Pers. Petal Extracts and its hepato-protection in CCl ₄ -intoxicated mice.	BMC Complement Altern Med. 18;17(1):55. doi: 10.1186/s12906-016-1495-0. PMID: 28100224	2017
6.	Amit Basak (Editor), <u>Ranadhir Chakraborty</u> (Editor), Santi M. Mandal (Editor) (2016) Recent Trends in Antifungal Agents and Antifungal Therapy	Springer ; 1st ed. 2016 edition (5 June 2016) ISBN-10: 8132227808 ISBN-13: 978-8132227809	2016
7.	<u>Chakraborty, R.</u> , Mandal, A.K. (2016) Hunting Food together is a Social Behaviour. Do Bacteria become Social	Biodiversity and Sustainability: Opportunities and	2016

	in Scarcity and Selfish in Abundance?	Challenges. pp. 45-58. Edition: First Edition, Publisher: Raiganj Surendranath Mahavidyalaya, Editor: Abhijit Sarkar and Rakhee Das Biswas, ISBN:978-93-5254-104-1	
Dr. Dipanwita Saha			
1.	Chakraborty P., Das S., B. Saha, A. Karmakar, Saha D , Saha A. (2017). Rose rosette virus: An emerging pathogen of garden roses in India	Australasian Plant Pathology, 46; 223-226.	2017
2.	Phenylalanine ammonia lyase gene induction with benzothiadiazole elevates defence against <i>Lasiodiplodiatheobromae</i> in tea in India	Journal of Phytopathology September 2017; DOI 10.1111/jph.12615	2017
3.	Biocontrol of virulent <i>Ralstoniasolanacearum</i> isolates by an indigenous <i>Bacillus cereus</i> .	Journal of Agricultural Technology. 13(1): 19-30.	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.	Biprakash Kumar Tiwary, Somit Dutta, Priyanka Dey, Mossaraf Hossain, Anoop Kumar , Sony Bihani, Ashis Kumar Nanda, Tapas Kumar Chaudhuri and Ranadhir Chakraborty	BMC Complementary and Alternative Medicine , 17, 55	2017
3.	Swapan Kumar Jana, Amit Kumar Mandal, Anoop Kumar , Horst Puschmann, Maidul Hossain and Sudipta Dalai	RSC Advances , 6, 95888-95896	2016
12.	Research Projects (Major & Minor):		
Major Project			
Title of the scheme project		Sanctioned authority	
Dr. Shilpi Ghosh			
Bioprospecting thermophilic lignocellulose deconstructing microbial consortium: Mining of cellulolytic glycoside hydrolases for biotechnology		DST, Govt. of India (PI)	
Physicochemical studies on bacterial and other membrane: An attempt to develop nanoparticle antimicrobial drug carrier system		DBT, Govt. of India (Co-PI)	
Prof. Ranadhir Chakraborty			
Isolation of Carbohydrate polymer-producing bacteria from waters of city-waste polluted Mahananda River at Siliguri and Characterization of suitable biopolymers exhibiting high		UGC, New Delhi (P.I)	

floculating activities		
Bioprospecting thermophilic lignocellulose deconstructing microbial consortium: Mining of cellulolytic glycoside hydrolases for biotechnology		DST, Govt. of India (Co-PI)
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)
Minor Project		
Title of the scheme project		Sanctioned authority
Prof. Ranadhir Chakraborty		
Dr. Dipanwita Saha		
13.	Visiting Fellow	
	Name of Visiting Fellow	Duration
	I. Dr. A.S. Ghosh Dept. of Biotechnology IIT, Kharagpur	15th-16th January, 2016

14. Any other information:

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. Bishwanath Chakraborty	Dr. Subhas Chandra Roy	Dr. Palash Mandal
Prof. Prabir Kumar Sarkar		Dr. Manoranjan Chowdhury
Prof. Usha Chakraborty		
Prof. Aniruddha Saha		
Prof. Arnab Sen		

5. **Name of the research scholars:** Sweata Khati, Puspanjali Ray, Pratik Majumdar, Tarun Mishra, Irisikesh Mandal, Shibu Das, Arnab Saha, Piyali Sarkar, Bilok Sharma, Tanushree Sarkar, Arup Karmakar; Preeti Monger, Biman Krishna Saha, Indrajit Singha, Sujit Mondal, Payel Paul, Suchishree Jha, Saran Kumar Gupta, Arunika Subba, Sumira Mukhia, Priyanka Roy, Swarnendu Roy, Sandip Dev Chaudhuri, Jayanta Chowdhury, Sukanta Majumdar, Dibakar Chowdhury, Rajib Biswas, Anurag Chowdhury, Baisakhi Das

6. **Name of the project scholars:** Amrita Acarya, Somnath Roy, Shibu Barman, Priyanka Bhattacharya, Pallab Kar, Prosenjit Chakraborty, Anand Sharma, Jayanwita Sarkar

7. **Name of Non-teaching staff:** Suman Chatterjee, Sukanta Roy, Nayan Ghosh, Shipen Barman, Dhiraj Chakraborty, Vivekananda Chowdhury, Atul Singha

8. **Students' strength:**

Students		Male	Female	Total
Part-I	1 st Sem	14	17	31
	2 nd Sem	14	18	32
Part-II	3 rd Sem	5	24	29
	4 th Sem	5	24	29

Dr. S. C. Roy		
Tanmay Chowdhury a, Amitava Mandal, Subhas Chandra Roy , Dilip De Sarker	<i>Journal of Genetic Engineering and Biotechnology</i> , 15 (1), 275-286	2017
Subhas Chandra Roy , Kaushik Moitra, Dilip De Sarker.	<i>Physiol Mol Biol Plants</i> , 23(1):169–183.	2017
Roy Subhas Chandra and Reddy VB.	<i>Rice Science</i> , 24(3), 1-2	2017
Subhas Chandra Roy	LamBert Academic Publishing, Germany.	2017
Dr. P. Mandal		
Gupta SK, Islam N, Choudhuri C, Mandal P .	<i>International Journal of Pharmacy and Pharmaceutical Sciences</i> . 9(5)	2016
Gupta SK and Mandal P	<i>NBU Journal of Plant Sciences</i> . 10	2016
Gupta SK and Mandal P	<i>Asian Journal of Pharmaceutical and Clinical Research</i> . 10(5)	2016
Chowdhury A, Sarkar S, Chowdhury A, Bardhan S, Mandal P , Chowdhury M	<i>Indian Journal of Science and Technology</i> . 9(42)	2016
Sarkar S, Chowdhury A, Das S, Chakraborty B, Mandal P , Chowdhury M	<i>International Journal of Bioassays</i> . 5(11)	2016
Roy P, Panda S, Mandal P	<i>Journal of Chemical and Pharmaceutical Research</i> . 8(10)	2016
Mandal P , Choudhury D, Ghosal M, Prasad Das A	<i>International Journal of Pharmaceutical Sciences Review and Research</i> . 41(2)	2016
Sen S, Mandal P	<i>Journal of Central European Agriculture</i> . 17	2016
Sen S, Jha S, Mandal P	<i>International Journal of Scientific and Research Publications</i> . 6	2016
Jha S, Bhattacharyya P, Ghosh A, Mandal P	<i>International Journal of Pharmacy and Pharmaceutical Sciences</i> . 8(4)	2016
Bhattacharyya P, Jha S, Mandal P , Ghosh A	<i>International Journal of Pure and Applied Bioscience</i> . 4(6)	2016
Gupta SK, Mandal P	<i>Asian Journal of Pharmaceutical and Clinical Research</i> . 9(2)	2016
Jha S, Ghosal M, Gupta SK, Ghosh A, Mandal P	<i>International Journal of Pharmacy and Pharmaceutical Sciences</i> . 8(1)	2016
Gupta SK, Mandal P	<i>International Journal of Pharmacy and Pharmaceutical Sciences</i> . 8(2)	2016
Subba A, Mandal P	<i>Journal of Pharmacy Research</i> .	2017
Mukhia S, Mandal P , Singh DK, Singh D	<i>Journal of Pharmacy Research</i> . 11(5)	2017
Dr. M. Chowdhury		
A. Chowdhury, M. Chowdhury and A. P. Das	<i>Pleione</i> 9(1): 160 - 166.	2016
A. Chowdhury, Sarkar S and M. Chowdhury	<i>Int. Res. J. Biological Sci</i> . 5(1), 47-53.	2016

	A. Chowdhury, M. Chowdhury and A. P. Das	<i>Pleione</i> 9(1): 160 - 166.	2016
	Sujit Mondal, Anurag Chowdhury, S. K. Basu and Monoranjan Chowdhury	<i>NBU Journal of Plant Sciences</i> 10 (1). 45-48	2016
	Baishakhi Sarkar, Subir Bera, Monoranjan Chowdhury & A. P. Das	<i>Pleione</i> 10(2): 344-350.	2016
	Sujit Mondal, Anurag Chowdhury, S. K. Basu and Monoranjan Chowdhury	<i>Plant Archives</i> , 17 (1), 445-448	2017
	Dipanwita Debnath, Dibakar choudhury, Monoranjan Chowdhury & A. P. Das	<i>Pleione</i> 11(1): 137-145.	2017

12. Research Projects (Major & Minor)

Sl. No.	Major Research Project		
	Title of the Scheme Project	Sanctioned Authority	PI & Co-PI
1	Molecular detection, diversity analysis and phylogeny of RNA viruses causing diseases of horticultural crops in north-east India for the development of easy diagnostic device	UGC	Prof. Aniruddha Saha
3	Screening of resistance in wheat germplasm against spot blotch disease and immunological characterization of defense proteins triggered by <i>Bipolaris sorokiniana</i>	CSIR	Prof. B. N. Chakraborty (PI) Prof. U. Chakraborty (Co-PI)
4	Development of Biformulations with PGPR, PGPF and AMF for induction of resistance in cereals and pulses against fungal pathogens and improvement of their health status [Networking Project of AMAAS]	ICAR	Prof. B. N. Chakraborty (PI) Prof. U. Chakraborty (Co-PI)
5	A Bioinformatics perspective to impede the tubercle bacillus (TB) devastation in West Bengal	WB-DBT	Prof. Arnab Sen
	Phytoremediation of Heavy metal contaminated soils in Tunisia and India using frankia-Alnus symbiosis. [A Collaborative Project with Prof. Maher Gtari, Tunisia]	DST	Prof. Arnab Sen
6	Establishment of Rural Bio resource Complex in North Bengal [A Collaborative Project with UBKV]	DBT	Prof. B. N. Chakraborty (PI) Prof. U. Chakraborty (Co-PI)
7	Prevalence, Survival, Growth Characteristics, and Toxigenicity of Foodborne Bacterial Pathogens in Processed Foods, Marketed in the Town of Siliguri	UGC-SAP	Prof. P. K. Sarkar Dr. P. Mandal
8	Activation of defense in Mandarin (<i>Citrus reticulata</i>) plants against root rot pathogens using AMF PGPF and PGPR for improvement of their health status in Darjeeling Hill	UGC-SAP	Prof. B. N. Chakraborty Prof. U. Chakraborty, Prof. A. Saha
9	Habitat analysis, conservation and genomic	UGC-SAP	Prof. A. P. Das, Prof. A.

studies of some RET plants of Terai, Duars and hills of Darjiling	Sen, Dr. S. C. Roy, Dr. M. Chowdhury
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Minor Research Project			
Sl. No.	Title of the Scheme Project	Sanctioned Authority	PI & Co-PI
10	Study of Pollen ultra-morphology of some aquatic and semi-aquatic herbs from the North Bengal plains	NBU	Dr. M. Chowdhury
11	Pilot Project at TLDP Stage – IV for collection and conservation of Orchids and other Epiphytes from submerged area	NHPC Pvt. Ltd.	Dr. M. Chowdhury
12	QTLs Mapping and Genotyping-by-Sequencing (GBS) of the RIL Lines for the Improvement of Aromatic Tulaipanji Rice of West Bengal using Molecular Breeding.	University Project (NBU)	Dr. Subhas Chandra Roy
13	Habitat analysis, conservation and genomic studies of some RET plants of Terai, Duars and hills of Darjeeling. <i>Subheading: Rice genetic diversity and conservation.</i>	UGC-SAP	Dr. Subhas Chandra Roy

13. Visiting Fellow: NIL

14. Any other information:

15. Awards/ Honours received

Prof. B. N. Chakraborty	(b) Elected as Fellow of National Academy of Agricultural Sciences (FNAAS)-2016 (c) Elected as Fellow of Indian Mycological Society (FIMS) – 2016 (d) Elected as President of Indian Phytopathological Society (IPS)-2016 (e) Elected as Vice President of Indian Mycological Society (IMS) – 2016
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REPORT OF BIOINFORMATICS FACILITY

Name of the Department: Department of Bioinformatics

Year of establishment: 2017

Name of programmes offered:

The department is going to start a Post Graduate Diploma course in Bioinformatics (1 year with 2 semesters) from this academic year (tentatively from Sept, 2018) with total intake of 20. The syllabus and regulation of the course has already been drafted.

Number of teaching posts sanctioned:

1 Assistant Professor has already joined the department since 17.10.17. Two more post (Asso. Professor 01 and Assistant Professor 01) will be soon filled up.

Current Faculty Profile:

Name	Designation	Qualification	Specialization
Prof. Arnab Sen	Professor & Co-ordinator NBU Bioinformatics Facility	M.Sc, M.Phil, PhD	Cytogenetics
Dr. Subarna Thakur (joined on 17-10-2017)	Assistant Professor	M.Sc, PhD	Comparative Genomics

Number of academic support staff (technical) and administrative, staff: None

Research thrust areas:

Bioinformatics, Microbial genomics, Comparative genomics

Publication:

- Comparative evolutionary genomics of *Corynebacterium* with special reference to codon and amino acid usage diversities. S. Pal, I. Sarkar, A. Roy, P. K. Das Mohapatra, K. C. Mondal, A. Sen. *Genetica*. DOI 10.1007/s10709-017-9986-6.
- Comprehensive profiling of functional attributes, virulence potential and evolutionary dynamics in myco-bacterial secretomes. Roy A, Sen A, Chakrobarty S, Sarkar I. *World J Microbiol Biotechnol*. 2017 Dec 4; 34(1):5. doi: 10.1007/s11274-017-2388-1.
- Biosynthetic energy cost of potentially highly expressed proteins vary with niche in selected actinobacteria. Sarkar I, Tisa L, Gtari M, Sen A. *Journal of Basic Microbiology* 58(2). DOI10.1002/jobm.201700350
- Saha, M.S., Pal, S., Sarkar, I., Roy, A., Mohapatra, P.K.D. and Sen, A., 2018. Comparative genomics of *Mycobacterium* reveals evolutionary trends of *M. avium* complex. *Genomics*. <https://doi.org/10.1016/j.ygeno.2018.02.019>.

Dr. S. C. Roy		
Tanmay Chowdhury a, Amitava Mandal, Subhas Chandra Roy , Dilip De Sarker	<i>Journal of Genetic Engineering and Biotechnology</i> , 15 (1), 275-286	2017
Subhas Chandra Roy , Kaushik Moitra, Dilip De Sarker.	<i>Physiol Mol Biol Plants</i> , 23(1):169–183.	2017
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Sen S, Mandal P	<i>Journal of Central European Agriculture</i> . 17	2016
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Jha S, Bhattacharyya P, Ghosh A, Mandal P	<i>International Journal of Pharmacy and Pharmaceutical Sciences</i> . 8(4)	2016
Bhattacharyya P, Jha S, Mandal P , Ghosh A	<i>International Journal of Pure and Applied Bioscience</i> . 4(6)	2016
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Jha S, Ghosal M, Gupta SK, Ghosh A, Mandal P	<i>International Journal of Pharmacy and Pharmaceutical Sciences</i> . 8(1)	2016
Gupta SK, Mandal P	<i>International Journal of Pharmacy and Pharmaceutical Sciences</i> . 8(2)	2016
Subba A, Mandal P	<i>Journal of Pharmacy Research</i> .	2017
Mukhia S, Mandal P , Singh DK, Singh D	<i>Journal of Pharmacy Research</i> . 11(5)	2017
Dr. M. Chowdhury		
A. Chowdhury, M. Chowdhury and A. P. Das	<i>Pleione</i> 9(1): 160 - 166.	2016
A. Chowdhury, Sarkar S and M. Chowdhury	<i>Int. Res. J. Biological Sci.</i> 5(1), 47-53.	2016

	A. Chowdhury, M. Chowdhury and A. P. Das	<i>Pleione</i> 9(1): 160 - 166.	2016
	Sujit Mondal, Anurag Chowdhury, S. K. Basu and Monoranjan Chowdhury	<i>NBU Journal of Plant Sciences</i> 10 (1). 45-48	2016
	Baishakhi Sarkar, Subir Bera, Monoranjan Chowdhury & A. P. Das	<i>Pleione</i> 10(2): 344-350.	2016
	Sujit Mondal, Anurag Chowdhury, S. K. Basu and Monoranjan Chowdhury	<i>Plant Archives</i> , 17 (1), 445-448	2017
	Dipanwita Debnath, Dibakar choudhury, Monoranjan Chowdhury & A. P. Das	<i>Pleione</i> 11(1): 137-145.	2017

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3	Screening of resistance in wheat germplasm against spot blotch disease and immunological characterization of defense proteins triggered by <i>Bipolaris sorokiniana</i>	CSIR	Prof. B. N. Chakraborty (PI) Prof. U. Chakraborty (Co-PI)
4	Development of Biformulations with PGPR, PGPF and AMF for induction of resistance in cereals and pulses against fungal pathogens and improvement of their health status [Networking Project of AMAAS]	ICAR	Prof. B. N. Chakraborty (PI) Prof. U. Chakraborty (Co-PI)
5	A Bioinformatics perspective to impede the tubercle bacillus (TB) devastation in West Bengal	WB-DBT	Prof. Arnab Sen
	Phytoremediation of Heavy metal contaminated soils in Tunisia and India using frankia-Alnus symbiosis. [A Collaborative Project with Prof. Maher Gtari, Tunisia]	DST	Prof. Arnab Sen
6	Establishment of Rural Bio resource Complex in North Bengal [A Collaborative Project with UBKV]	DBT	Prof. B. N. Chakraborty (PI) Prof. U. Chakraborty (Co-PI)
7	Prevalence, Survival, Growth Characteristics, and Toxigenicity of Foodborne Bacterial Pathogens in Processed Foods, Marketed in the Town of Siliguri	UGC-SAP	Prof. P. K. Sarkar Dr. P. Mandal
8	Activation of defense in Mandarin (<i>Citrusreticulata</i>) plants against root rot pathogens using AMF PGPF and PGPR for improvement of their health status in Darjeeling Hill	UGC-SAP	Prof. B. N. Chakraborty Prof. U. Chakraborty, Prof. A. Saha
9	Habitat analysis, conservation and genomic	UGC-SAP	Prof. A. P. Das, Prof. A.

studies of some RET plants of Terai, Duars and hills of Darjiling	Sen, Dr. S. C. Roy, Dr. M. Chowdhury
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Minor Research Project			
Sl. No.	Title of the Scheme Project	Sanctioned Authority	PI & Co-PI
10	Study of Pollen ultra-morphology of some aquatic and semi-aquatic herbs from the North Bengal plains	NBU	Dr. M. Chowdhury
11	Pilot Project at TLDP Stage – IV for collection and conservation of Orchids and other Epiphytes from submerged area	NHPC Pvt. Ltd.	Dr. M. Chowdhury
12	QTLs Mapping and Genotyping-by-Sequencing (GBS) of the RIL Lines for the Improvement of Aromatic Tulaipanji Rice of West Bengal using Molecular Breeding.	University Project (NBU)	Dr. Subhas Chandra Roy
13	Habitat analysis, conservation and genomic studies of some RET plants of Terai, Duars and hills of Darjeeling. <i>Subheading: Rice genetic diversity and conservation.</i>	UGC-SAP	Dr. Subhas Chandra Roy

13. Visiting Fellow: NIL

14. Any other information:

15. Awards/ Honours received

Prof. B. N. Chakraborty	(b) Elected as Fellow of National Academy of Agricultural Sciences (FNAAS)-2016 (c) Elected as Fellow of Indian Mycological Society (FIMS) – 2016 (d) Elected as President of Indian Phytopathological Society (IPS)-2016 (e) Elected as Vice President of Indian Mycological Society (IMS) – 2016
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REPORT OF BIOINFORMATICS FACILITY

Name of the Department: Department of Bioinformatics

Year of establishment: 2017

Name of programmes offered:

The department is going to start a Post Graduate Diploma course in Bioinformatics (1 year with 2 semesters) from this academic year (tentatively from Sept, 2018) with total intake of 20. The syllabus and regulation of the course has already been drafted.

Number of teaching posts sanctioned:

1 Assistant Professor has already joined the department since 17.10.17. Two more post (Asso. Professor 01 and Assistant Professor 01) will be soon filled up.

Current Faculty Profile:

Name	Designation	Qualification	Specialization
Prof. Arnab Sen	Professor & Co-ordinator NBU Bioinformatics Facility	M.Sc, M.Phil, PhD	Cytogenetics
Dr. Subarna Thakur (joined on 17-10-2017)	Assistant Professor	M.Sc, PhD	Comparative Genomics

Number of academic support staff (technical) and administrative, staff: None

Research thrust areas:

Bioinformatics, Microbial genomics, Comparative genomics

Publication:

- Comparative evolutionary genomics of *Corynebacterium* with special reference to codon and amino acid usage diversities. S. Pal, I. Sarkar, A. Roy, P. K. Das Mohapatra, K. C. Mondal, A. Sen. *Genetica*. DOI 10.1007/s10709-017-9986-6.
- Comprehensive profiling of functional attributes, virulence potential and evolutionary dynamics in myco-bacterial secretomes. Roy A, Sen A, Chakrobarty S, Sarkar I. *World J Microbiol Biotechnol*. 2017 Dec 4; 34(1):5. doi: 10.1007/s11274-017-2388-1.
- Biosynthetic energy cost of potentially highly expressed proteins vary with niche in selected actinobacteria. Sarkar I, Tisa L, Gtari M, Sen A. *Journal of Basic Microbiology* 58(2). DOI 10.1002/jobm.201700350
- Saha, M.S., Pal, S., Sarkar, I., Roy, A., Mohapatra, P.K.D. and Sen, A., 2018. Comparative genomics of *Mycobacterium* reveals evolutionary trends of *M. avium* complex. *Genomics*. <https://doi.org/10.1016/j.ygeno.2018.02.019>.

- Ranjan V.K, Mukherjee S, Saha T, Thakur S, Chakraborty R , 2018. Whole-Genome sequence analyses reveal synonymy of *Pseudomonas plecoglossicida* strain NyZ12 with *Pseudomonas monteilii* strain SB3078 and proposal of a subspecies, *P. monteilii* subsp. *pyomelaninifaciens* subsp. nov. Submitted to Int. J Syst. EvolMicrobiol.

Ongoing Research projects:

- Establishment of Bioinformatics Facility- funded by DBT [received grant of Rs 3, 62, 200 in 2017-18]
- “A bioinformatics perspective to impede the tubercle bacillus devastation in west Bengal” -- funded by DBT west Bengal [received grant of Rs, 13,13,200 for 2015-2017]
- Project Name: “Phyto remediation of heavy metal contaminated soil in Tunisia and India using *Frankia alnus* symbiosis” funded by DST, Govt. of India

Departmental infrastructural facilities:

- Total no of class rooms:2
- Class rooms with ICT faculty: 1
- Student laboratories:2
- Research Laboratories: 1
- Internet facilities for staff and students: Available

Seminars/ Conferences/ Workshops organized:

The department is actively engaged in organizing Workshop on Bioinformatics as well as Awareness program regarding this new field of Science amongst the students. In this context following programme has been organized:

- National workshop on Bioinformatics from 9th -11th March, 2018, sponsored by DBT, Govt. of India
- Regional Hands-on training Biomedical techniques in Camellia Research on 11th May, 2018, sponsored by DBT, Govt. of India

Future plans:

The facilities in the department are being developed for introduction of new courses in Bioinformatics. This course is expected to bring direct benefit to students of this university, strengthening ongoing University research in the area of life sciences. It aims to develop a pool of expert manpower to help life Science/biotech industry, academia and there by society.

DEPARTMENT OF CHEMISTRY

1. **Name of the Department** : Chemistry
2. **Date of Establishment** : 1963
3. **Introduction of the Department** : 1963
4. **Name of the Faculty** :

<u>Professor</u>	<u>Assoc. Professor</u>	<u>Asst. Professor</u>
P. S. Roy	P. Bandyopadhyay	B. Sinha
B. Basu	A. K. Nanda	S. Das
M. N. Roy	A. Majumder	
P. Ghosh		
A. Misra		

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

Sl. No.	Name of the Scholar	Designation	Funding Agencies
01	Miss Koyeli Das	JRF	UGC-RGNF
02	Mr. Milan Ch. Roy	RA	UGC-BSR
03	Mr. Bittu Saha	JRF	UGC-BSR
04	Miss Gulmi Chakrabarty	JRF	UGC-BSR
05	Mr. Rabindra Nath Singha	JRF	UGC
06	Mr. Prasun Chowdhury	JRF	CSIR
07	Mr. Dibakar Roy	JRF	UGC
08	Mr. Kanak Roy	SRF	UGC-RGNF
09	Mr. Pritam Guha	SRF	UGC-BSR
10	Mr. Biplab Roy	SRF	DST
11	Miss Manoswita Homray	JRF	UGC
12	Miss Tanushree Sutradhar	JRF	UGC-RGNF
13	Mr. Abhijit Sarkar	JRF	UGC
14	Mr. Rajendra Pradhan	Teacher Fellow	UGC
15	Mr. Dipu Kumar Misra	JRF	UGC-BSR
16	Mr. Kaushik Acharjee	JRF	UGC-BSR
17	Miss Puja Basak	JRF	CSIR
18	Miss Bijeta Mitra	JRF	CSIR
19	Mr. Biraj Kr. Barman	JRF	UGC-RGNF
20	Mr. Subhadeep Saha	SRF	UGC
21	Mr. Sujan Paul	JRF	UGC
22	Mr. Biswajit Datta	SRF	UGC
23	Miss Siti Barman	SRF	UGC
24	Miss Pradipta Sarbadhikary	SRF	UGC
25	Miss Babli Roy	Teacher Fellow	UGC
26	Mr. Kinkar Biswas	Teacher Fellow	UGC
27	Mr. Sujit Ghosh	Teacher Fellow	UGC
28	Mr. Manoj Mazumder	Teacher Fellow	UGC
29	Miss Sultana Yasmin	JRF	UGC

30	Smt. Amrita Mitra	SRF	UGC-BSR
31	Miss Ananya Das	JRF	UGC
32	Mr. Sankar Saha	JRF	UGC
33	Miss Aditi Roy	JRF	UGC
34	Mr. Gourav Karmakar	SRF	DST
35	Mr. Biplab Rajbanshi	JRF	UGC
36	Mr. Raja Ghosh	JRF	UGC
37	Miss Mitali Kundu	JRF	UGC-BSR
38	Md. Musharaf Hossain	SRF	UGC-BSR
39	Mr. Prasanjit Ghosh	SRF	UGC
40	Miss Ananya Yesmin	JRF	UGC
41	Mr. Bhaskar Ganguly	SRF	UGC
42	Mr. Siddhartha Baisya	SRF	UGC
43	Miss Suchandra Bhattacharya	JRF	CSIR
44	Mr. Amarjit Kamath	JRF	UGC
45	Mr. Binoy Chandra Saha	JRF	UGC
46	Mr. Manoj Majumder	JRF	UGC
47	Mr. Sudip Sarkar	JRF	UGC
48	Smt. Seema Dwivedi	JRF	UGC
49	Mr. Sayanta Roy	JRF	UGC
50	Mr. Kalipada Sarkar	JRF	UGC
51	Mr. Uttam Kumar Singha	JRF	UGC
52	Mr. Samir Das	JRF	UGC

6. Name of the Project Scholars :

Sl. No.	Name of the Project Scholar (s)
1	Miss Madhurima Paulchowdhuri

7. Name of the Non-Teaching Staff :

Name	Designation
S. K. Ghosh	Record supplier
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 II
S. Mozumder	Tech. Asstt., Grade II
A. Sarkar	Tech. Asstt., Grade II
N. Paul	Office Assistant (Contractual)

8. Students Strength

Students	Male	Female	Total
Part - I			
1 st Sem.	28	21	49
2 nd Sem.	29	18	47
Part - II			
3 rd Sem.	28	18	46
4 th Sem.	29	19	48

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

Seminar/ Conference attended:

1. Plenary Lecture: January 11-12, 2017, National Symposium on Advances in Chemical Sciences (NSACS-2017), Assam University, Silchar, Assam
2. Invited Speaker: April 08, 2017, Balurghat College, Dakshin Dinajpur, WB: UGC-sponsored Seminar Title: Carbon Nanomaterials: Background and Emerging Trends.
3. Invited Speaker: March 16, 2017, Raiganj University, Uttar Dinajpur, WB: UGC-sponsored Seminar Title: Carbon-based Nanomaterials: Sustainable Scenarios.
4. Invited Speaker: November 12, 2016, Gour College, Malda, WB: UGC-sponsored Seminar Title: Chemistry and Nanoscience: Perspective and Few Applications

Name of the teacher	Name of the Seminars/ Conference	Venue & Date	Title of the paper Presented
Prof. M. N. Roy	CRSI NSC 19	University of North Bengal July 2016	
	CRSI Angewandte Symposium	University of North Bengal July 2016	
	CRSI NSC 20	Guwahati University February 2017	Encapsulation of vitamin molecules into cyclodextrin moiety
	Frontiers in Chemistry – 2017	Venue: Dept. of Chemistry, NBU Date: February 20 – 21, 2017	
	“Current Trends in University-Industries Linkages”	Venue: Dept. of Chemistry, NBU Date: March 24, 2017	
	National Seminar	Venue: Islampur College Date: August 2016	Plastics: Source, Uses, Side Effects and its Remedial Measures
	Invited Talk	North Bengal Science Centre Date: May 2016	Ozone Depletion: Causes, Effects and Controlling Managements
Prof. P. S. Roy	CRSI NSC 19	University of North Bengal July 2016	
	CRSI Angewandte Symposium	University of North Bengal July 2016	
	Frontiers in Chemistry – 2017	Venue: Dept. of Chemistry, NBU Date: February 20 – 21, 2017	
	“Current Trends in University-Industries Linkages”	Venue: Dept. of Chemistry, NBU Date: March 24, 2017	
Prof. B. Basu	CRSI NSC 19	University of North Bengal July 2016	

	CRSI Angewandte Symposium	University of North Bengal July 2016	
	Frontiers in Chemistry – 2017	Venue: Dept. of Chemistry, NBU Date: February 20 – 21, 2017	
	“Current Trends in University-Industries Linkages”	Venue: Dept. of Chemistry, NBU Date: March 24, 2017	
	Plenary Lecture: National Symposium on Advances in Chemical Sciences (NSACS-2017)	Assam University Date: January 11-12, 2017	
	Invited Speaker: UGC-sponsored Seminar: Title: Carbon Nanomaterials: Background and Emerging Trends.	Balurghat College, Dakshin, Dinajpur, WB: Date: April 08, 2017	
	Invited Speaker: UGC-sponsored Seminar: Title: Carbon-based Nanomaterials: Sustainable Scenarios.	Raiganj University, Uttar Dinajpur, WB: Date: March 16, 2017	
	Invited Speaker: UGC-sponsored Seminar: Title: Chemistry and Nanoscience: Perspective and Few Applications.	Gour College, Malda, WB: Date: November 12, 2016	
Prof. P. Ghosh	CRSI NSC 19	University of North Bengal July 2016	
	CRSI Angewandte Symposium	University of North Bengal July 2016	
	Frontiers in Chemistry – 2017	Venue: Dept. of Chemistry, NBU Date: February 20 – 21, 2017	
	“Current Trends in University-Industries Linkages”	Venue: Chemistry Gallery, Dept. of Chemistry, NBU Date: March 24, 2017	
Prof. A. Misra	Magnetism and Magnetic Materials	IIT Bombay May 2016	
	Theoretical Chemistry Symposium 2016	University of Hyderabad December 2016	
	CRSI NSC 19	University of North Bengal July 2016	
	CRSI Angewandte Symposium	University of North Bengal July 2016	
	CRSI NSC 20	Guwahati University February 2017	

	CRSI NSC 21	CSIR-IICT July 2017	
	ACCIS 2017	Malaya University Kuala Lumpur August 2017	
	Frontiers in Chemistry – 2017	Venue: Dept. of Chemistry, NBU Date: February 20 – 21, 2017	
	“Current Trends in University-Industries Linkages”	Venue: Dept. of Chemistry, NBU Date: March 24, 2017	
Dr. P. Bandyopadhyay	CRSI NSC 19	University of North Bengal July 2016	
	CRSI Angewandte Symposium	University of North Bengal July 2016	
	Frontiers in Chemistry – 2017	Venue: Dept. of Chemistry, NBU Date: February 20 – 21, 2017	
	“Current Trends in University-Industries Linkages”	Venue: Dept. of Chemistry, NBU Date: March 24, 2017	
Dr. A. K. Nanda	CRSI NSC 19	University of North Bengal July 2016	
	CRSI Angewandte Symposium	University of North Bengal July 2016	
	Frontiers in Chemistry – 2017	Venue: Dept. of Chemistry, NBU Date: February 20 – 21, 2017	
	“Current Trends in University-Industries Linkages”	Venue: Dept. of Chemistry, NBU Date: March 24, 2017	
Dr. A. Majumder	CRSI NSC 19	University of North Bengal July 2016	
	CRSI Angewandte Symposium	University of North Bengal July 2016	
	Frontiers in Chemistry – 2017	Venue: Dept. of Chemistry, NBU Date: February 20 – 21, 2017	
	“Current Trends in University-Industries Linkages”	Venue: Dept. of Chemistry, NBU Date: March 24, 2017	
Dr. B. Sinha	19 th CRSI National Symposium in Chemistry (CRSI NSC-19)	Dept. of Chemistry, N. B. U, July 14-16 th , 2016.	Attended
	53 rd Annual Convention of Chemists 2016	GITAM University, Visakhapatnam, Andhra Pradesh, December 27-29 th ,	Attended

		2016	
	CRSI Angewandte Symposium	University of North Bengal July 2016	
	Venue: Chemistry Gallery, Dept. of Chemistry, NBU Date: February 20 – 21, 2017	Venue: Chemistry Gallery, Dept. of Chemistry, NBU Date: February 20 – 21, 2017	
	Venue: Chemistry Gallery, Dept. of Chemistry, NBU Date: March 24, 2017	Venue: Chemistry Gallery, Dept. of Chemistry, NBU Date: March 24, 2017	
Dr. S. Das	CRSI NSC 19	University of North Bengal July 2016	
	CRSI Angewandte Symposium	University of North Bengal July 2016	
	Frontiers in Chemistry – 2017	Venue: Chemistry Gallery, Dept. of Chemistry, NBU Date: February 20 – 21, 2017	
	“Current Trends in University-Industries Linkages”	Venue: Chemistry Gallery, Dept. of Chemistry, NBU Date: March 24, 2017	

10. Organized Seminar/Conferences:

Name of the Seminar/Conference	Date of the Seminar/Conference	
CRSI-Angewandte Symposium	Date: July 13, 2016 Venue: University of North Bengal	
CRSI NSC-19	Date: July 14-16, 2016 Venue: University of North Bengal	
“Design of nanostructures for energy, environment and medical applications” Speaker: Prof. Ashok K. Ganguli, Director, Institute of Nano Science & Technology, Mohali, Punjab and Professor at IIT, Delhi	Date: May 27, 2015 Department of Chemistry, NBU	
Frontiers in Chemistry – 2017	Date: February 20 – 21, 2017 Venue: Chemistry Gallery, Dept. of Chemistry, NBU	
“Current Trends in University-Industries Linkages”	Venue: Chemistry Gallery, Dept. of Chemistry, NBU Date: March 24, 2017	

11. Publication:

Sl. No.	Name of the Author	Name of the Book/Journal/Volume	Year of Publication
1.	M. N. Roy*, Biswajit Datta, Siti Barman,	Self assembly inclusion of ionic liquid into hollow cylinder oligosaccharides. J Mol. Liq., 2016, 214, 264-269.	2016

2.	M. N. Roy*, Kanak Roy, Koyeli Das and Biraj Kumar Barman.	Self-assembly inclusion of green solvent with oligosaccharides. <i>J Mol. Liq.</i> , 2016, 216, 132-136.	2016
3.	M. N. Roy*, S.Choudhury, K. Roy,	Physicochemical Study on Solvation Behavior of Biologically Active Molecules in Aqueous 18C6 Systems, <i>Journal of Advanced Chemical Sciences</i> , 2016,-2, 279-283.	2016
4.	M. N. Roy*, S. Saha, S.Barman and D. Ekka.	Host-guest inclusion complexes of RNA nucleosides inside aqueous cyclodextrins explored by physicochemical and spectroscopic methods. <i>RSC Adv.</i> , 2016, 6, 8881-8891.	2016
5.	M. N. Roy*, K. Das.	Study on Solution Behavior of Some Oxalate Salts in Aqueous Vitamin Solutions. <i>IJACS</i> , 2016	2016
6.	M. N. Roy*, S. Saha, M. Kundu, B. C. Saha, S. Barman,	Exploration of inclusion complexes of neurotransmitters with β -cyclodextrin by physicochemical techniques <i>Chemical Physics Letters</i> . 2016, 655-656, 43-50.	2016
7.	M. N. Roy*, B. K. Barman.	Physicochemical Study of Diverse Interactions Prevalent in Metal Oxalates and Uric Acid in Aqueous Environments, <i>JACS</i> , 2016.	2016
8.	M. N. Roy*, D. Ekka, T. Ray, K. Roy.	Exploration of Solvation Consequence of Ionic Liquid [Bu4PCH3SO3] in Various Solvent Systems by Conductance and FTIR Study. <i>Journal of chemical and engineering data</i> , 2016,61(7), 2187-2196.	2016
9.	M. N. Roy*, S. Barman, D. Ekka, S. Saha,	NMR, surface tension and conductance study to investigate host-guest inclusion complexes of three sequential ionic liquids with β -cyclodextrin in aqueous media. <i>Chemical Physics Letters</i> , 2016, 658, 43-50.	2016
10.	M. N. Roy*, A. Roy, S. Saha.	Study to explore host-guest inclusion complexes of cyclodextrins with biologically active molecules in aqueous environment. <i>Fluid Phase Equilibria</i> , 2016, 425, 252-258.	2016
11.	M. N. Roy*, S. Barman.	Hollow Circular Based on Inclusion Complexes of Ionic Liquid. <i>RSC Adv.</i> , 2016.	2016
12.	M. N. Roy*, S. Saha, T. Ray, S. Basak,	NMR, surface tension and conductivity studies to determine the inclusion mechanism: thermodynamics of host-guest inclusion complexes of natural amino acids in aqueous cyclodextrins. <i>New. J. Chem.</i> , 2016, 40, 651-661.	2016
13.	M. N. Roy*, A. Roy, S. Saha,	Probing inclusion complexes of cyclodextrin by physicochemical approach. <i>Carbohydrate Polymers</i> , 2016, 151, 458-466.	2016
14.	M. N. Roy*, A. Roy, S. Saha, B. Datta,	1. Insertion behavior of imidazolium and pyrrolidinium based ionic liquids into α and β -cyclodextrins: Mechanism and factors leading to host-guest inclusion complexes, <i>RSC Adv.</i> ,	2016

		2016, 6, 100016-100027.	
15.	M. N. Roy*, M. C. Roy · S. Choudhury,	Supramolecular Assembly of Ionic Liquid with Cyclic Oligosaccharide in Aqueous Environments, International Journal of Development Research, 2016, 06, 9249-9255.	2016
16.	M. N. Roy*, M. C. Roy,	Study to explore diverse interactions of amino acids and vitamin molecule in aqueous environment, Physics and Chemistry of Liquids, doi.org/10.1080/00319104.2016.1218007.	2016
17.	M. N. Roy*, B. Datta,	Physicochemical Study of Solution Behavior of Ionic Liquid Prevalent in Diverse Solvent Systems at Different Temperatures, Chemical Physics Letters, 2016, 665, 85-94.	2016
18.	M. N. Roy*, S. Barman and S. Saha,	Probing Inclusion Complex Formation of Amantadine Hydrochloride with 18-Crown-6 in Methanol by Physicochemical Approach, DOI 10.1515/zpch-2016-0804.	2016
19.	M. N. Roy*, S. Saha, A. Roy, K. Roy,	Study to explore the mechanism to form inclusion complexes of β -cyclodextrin with vitamin molecules, Scientific Reports, 2016, 6, doi: 10.1038/srep35764.	2016
20.	M. N. Roy*, Subhadeep Saha, Aditi Roy,	Industrial & Engineering Chemistry Research. DOI: 10.1021/acs.iecr.7b02619. Mechanistic Investigation of Inclusion Complexes of a Sulfa Drug with α - and β -Cyclodextrins.	2017
21.	M. N. Roy* Aditi Roy,	1. RSC Advances, DOI: 10.1039/c7ra08397a. Cage to cage study of ionic liquid and cyclic oligosaccharides to form inclusion complexes.	2017
22.	M. N. Roy* Mitali Kundu,	DOI: 10.1007/s10847-017-0745-1. Preparation, Interaction and Spectroscopic Characterization of Inclusion complex of a Cyclic Oligosaccharide with an Antidepressant Drug. Journal of inclusion phenomena and macrocyclic chemistry.	2017
23.	M. N. Roy* Aditi Roy, Subhadeep Saha,	Journal of Molecular Structure, DOI: 10.1016/j.molstruc.2017.05.002. Exploration of inclusion complexes of probenecid with α and β -cyclodextrins: Enhancing the utility of the drug.	2017
24.	M. N. Roy* Aditi Roy, Subhadeep Saha, Biswajit Datta,	RSC Advances. DOI: 10.1039/C6RA19684E. Insertion behavior of imidazolium and pyrrolidinium based ionic liquids into α and β -cyclodextrins: Mechanism and factors leading to host-guest inclusion complexes.	2017
25.	S. Ghosh, S. Saha, D. Sengupta, S. Chakraborty, G. De* and B. Basu*	Stabilized Cu ₂ O nanoparticles on macroporous poly-styrene resins [Cu ₂ O@ARF]: Improved and reusable heterogeneous catalyst for on-water synthesis of triazoles via click reaction, <i>Ind. Eng. Chem. Res.</i> 2017, Doi 10.1021/acs.iecr.7b02656.	2017

26.	D. Sengupta, K. Bhowmik, G. De* and B. Basu*	Ni Nanoparticles on RGO as Reusable Heterogeneous Catalyst: Effect of Ni particle size and intermediate composite structures in C–S Cross-Coupling Reaction, <i>Beil. J. Org. Chem.</i> , 2017 , <i>13</i> , 1796–1806; Doi:10.3762/bjoc.13.174	2017
27.	P. Choudhury, B. Roy and B. Basu*	Sustainable and Site-selective C-H Sulfenylation of Aromatic Compounds with Thiol using Catalytic Graphene Oxide and NaI, <i>Asian J. Org. Chem.</i> , 2017 , In Press; Doi: 10.1002/ajoc.201700275	2017
28.	B. Roy, Y. Jing and B. Basu*	Reduced Graphene Oxides (rGOs) using Nature-based Reducing Sources: Detailed Studies on Properties, Morphologies and Catalytic Activity, <i>Curr. Graphene Sc.</i> , 2017 , <i>1</i> , 71–79.	2017
29.	S. Ghosh, K. Biswas, S. Bhattacharya, P. Ghosh and B. Basu*	Effect of <i>ortho</i> -hydroxy group of salicylaldehyde in A ³ coupling reaction: Metal-catalyst-free synthesis of propargylamine, <i>Beil. J. Org. Chem.</i> , 2017 , <i>13</i> , 552–557.	2017
30.	S. Bhattacharya and B. Basu*	Graphene Oxide (GO): An Efficient Carbocatalyst for the Benign Synthesis of Functionalized 1,4-Benzothiazines, <i>Tetrahedron Lett.</i> 2017 , <i>58</i> , 926–931. DoI: 10.1016/j.tetlet.2017.01.068.	2017
31.	B. Basu*, S. Paul, S. Kundu, E. Byström, K. Irgum, F. Almqvist*	Organic polymeric resins embedded with Pd NPs: Newly designed, efficient and chemoselective catalyst for reduction of nitroarenes, <i>Curr. Organocatalysis</i> , 2017 , <i>4</i> , 48–61.	2017
32.	Sengupta, D.; Ghosh, S. Basu, B.*	Advances and Prospects of Graphene Oxide (GO) as Heterogeneous ‘Carbocatalyst’, <i>Curr. Org. Chem.</i> 2017 , <i>21</i> , 834–854.	2017
33.	Ghosh, S. Basu, B.*	Microwave-induced Triazole Synthesis via 1,3-Dipolar Azide–Alkyne Cycloaddition: Recent Advances, <i>Curr. Green Chem.</i> 2017 , <i>3</i> , 195–213;	2017
34.	D. Sengupta, B. Roy, B. Basu,*	Microwave-assisted Formation of Organic Disulfides of Biochemical Significance, <i>Curr. Med. Chem.</i> 2016 , <i>23</i> , DoI: 10.2174/0929867323666160418115719.	2016
35.	K. Biswas, S. Ghosh, P. Ghosh, B. Basu,*	Cyclic ammonium salts of dithiocarbamic acid: Stable alternative reagents for synthesis of S-alkyl carbodithioates from organyl thiocyanates in water, <i>J. Sulf. Chem.</i> 2016 , <i>37</i> , 361–376.	2016
36.	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 [†] , <i>New Journal of Chemistry (RSC Publications)</i> , Accepted 11th July 2017; DOI: 10.1039/c7nj01878a	2017

37.	Pranab Ghosh, Mainul Hoque & Gobinda Karmakar	Castor oil as potential multifunctional additive in the formulation of eco-friendly lubricant, Polymer Bulletin, Article in Polymer Bulletin May 2017 DOI: 10.1007/s00289-017-2047-6	2017
38.	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
39.	Bijeta Mitra, Gyan Chandra Pariyar, Rabindranath Singha, Pranab Ghosh.	p-TsOH mediated solvent and metal catalyst free synthesis of nitriles from aldehydes via Schmidt reaction, Tetrahedron Letters, 58 (2017) 2298–2301	2017
40.	Suchandra Bhattacharya, Pranab Ghosh, Basudeb Basu	Graphene Oxide (GO): An Efficient Carbocatalyst for the Benign Synthesis of Functionalized 1,4-Benzothiazines, Tetrahedron Letters, 58(10):926-931 · February 2017 DOI: 10.1016/j.tetlet.2017.01.068	2017
41.	Pranab Ghosh, Mainul Hoque & Gobinda Karmakar.	Terpolymers based on sunflower oil/alkyl acrylate/styrene as sustainable lubricant additive, Polymer Bulletin, (2017) 74:2685-2700 DOI 10.1007/s00289-016-1863-4	2017
42.	Pranab Ghosh, Mainul Hoque, Gobinda Karmakar and Sultana Yeasmin.	Castor oil based multifunctional greener additives for lubricating oil, Current Environmental Engineering, Reference#: BSP-CEE-2016-67;accepted for publication , June,03, 2017	2017
43.	Mahua Upadhyay, Gobinda Karmakar, Gurpreet Singh Kapur, Pranab Ghosh	Multifunctional Greener Additives for Lubricating Oil, Polymer Engineering and science, Accepted for publication; Ed. Ref. No.: PES-16-0656.R1 Date: 25-May-17	2017
44.	Pranab Ghosh, Rakesh Ranjan Chakraborty	Clean and green approach for one-pot synthesis of pyrazines from ethylenediamine and 1, 2-diketone or its analogues under neat reaction condition, Letters in Organic Chemistry, VOLUME: 14 , Year: 2017, (E-pub Abstract Ahead of Print) DOI: 10.2174/1570178614666170609072519	2017
45.	P Ghosh and K Dey	Acrylate- α -Pinene Copolymer as Biodegradable Multifunctional Additives for Lube Oil, Journal of Scientific & Industrial Research [J. Sci. Ind. Res.], Vol 76, February 2017, pp. 303-307	2017
46.	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, International Journal of Industrial Chemistry, Published online, April 03, 2017. ISSN 2228-5970 Int J Ind Chem DOI 10.1007/s40090-017-0119-y	2017
47.	P Ghosh and K Dey	Acrylate- α -Pinene Copolymer as Biodegradable	2017

		Multifunctional Additives for Lube Oil, Journal of Scientific & Industrial, Research Vol 76, February 2017, pp. 303-307,	
48.	P. Ghosh, G. C. Pariyar, B. Saha, and R. Subba	FeCl ₃ -silica: A Green Approach for the Synthesis of Nitriles From Oximes, Synthetic Communication, 2016, 46(8), 685.-691	2016
49.	Pranab Ghosh and Mainul Hoque	Multifunctional lube oil additives based on maleic anhydride, Pet. Sci. Tech., 2016,34(21), 1761-67	2016
50.	Kinkar Biswas, Sujit Ghosh, Pranab Ghosh and Basudeb Basu,	Cyclic ammonium salts of dithiocarbamic acid: stable alternative reagents for the synthesis of S - alkyl carbodithioates from organyl thiocyanates in water, J. Sulfur Chemistry, 2016, 37(4), 361.	2016
51.	Pranab Ghosh , Bittu Saha, Gyan Chandra Pariyar, Abiral Tamang, Raju Subba,	Fe ₃ O ₄ -nanoparticles catalyzed an efficient synthesis of nitriles from aldehydes, Tetrahedron Letters [Tett. Lett.], 2016, 57, 3618.	2016
52.	Bhaskar Bagchi, Tamal Goswami, Pranab Ghosh and Asim Kumar Bothra	Computational Study on Redox Reaction of Puupehenone in Aqueous Solution by Density Functional Theory, Asian Journal of Chemistry, 2016,28(10), 2199-2203	2016
53.	P. Ghosh, A. Ghosh , A. Mandal, S. S. Sultana, S. Dey and C. Pal	Oxysterols: Synthesis and anti-leishmanial activities, Steroids, 2016, 107, 65.	2016
54.	G. Karmakar and P.Ghosh	Atom Transfer Radical Polymerization of Soybean Oil and Its Evaluation as a Biodegradable Multifunctional Additive in the Formulation of Eco-Friendly Lubricant, ACS Sustainable. Chem. & Eng, 2016, 4(3), 775	2016
55.	M. Upadhyay and P. Ghosh	Isodecyl acrylate - olive oil copolymers as potential biodegradable additive for lubricating oil, J. Polym. Res., 2016, 23,100	2016
56.	A. Mandal, A. Ghosh, S.Ghosh, A. K. Bothra and P. Ghosh	3-epihydroxy lup-20(29)-en-19(28)-olide: Partial synthesis, antitopoisomerase activity and 3D molecular docking, Medicinal Chemistry Research, 2016, 25, 1087.	2016
57.	Mahua Upadhyay, Kaushik Dey and Pranab Ghosh,	Biodegradable multifunctional additives for lube oil – Synthesis and characterization, Pet. Sci. Tech., 2016, 34(14), 1255.	2016
58.	P.Ghosh and M Das,	Biocompatible multifunctional lubricating oil additives, Pet. Sci. Tech., 2016, 34(15), 1367.	2016
59.	Pranab Ghosh, Ashim Ghosh, Bittu Saha and B. P. Pradhan	Oxidation of oxime derivative of friedelin with hydrogen peroxide in presence of selenium dioxide in <i>tert</i> -butanol and antimicrobial activity of the isolated compounds, J. Indian Chem. Soc., Vol. 93, September 2016, pp. 1-4,	2016
60.	P. Ghosh, S. Talukder, M. Upadhyay and T. Das,	Multifunctional additive performance of acrylate-styrene copolymers, J. Sci. Ind. Res., 2016, 75, 420.	2016

61.	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
62.	T. Goswami, M. Homray, S. Paul, D. Bhattacharya and A. Misra	On Exo-cyclic Aromaticity, <i>Phys. Chem. Chem. Phys.</i> DOI: 10.1039/C7CP02031G, Communication (Accepted 2017).	2017
63.	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> DOI:10.1016/j.comptc.2017.03.022 (Accepted 2017).	2017
64.	M. Homray, A. Misra and P. K. Chattaraj	Aromaticity in the light of magnetic criterion, <i>Curr. Org. Chem.</i> DOI: 10.2174/1385272821666170428124343 (Accepted 2017).	2017
65.	D. Bhattacharya, S. Shil, A. Misra, L. Bytautas and D. J. Klein	Toward Molecular Magnets of Organic Origin via Anion- π Interaction Involving m-Aminyl Diradical: A Theoretical Study, <i>J. Phys. Chem. A.</i> 120 , 9117–9130 (2016).	2016
66.	S. Shil, P. Sarbadhikary and A. Misra,	Effect of length on the transport and magnetic properties of diradical substituted molecular wires, <i>RSC Adv.</i> 6 , 99467-99474 (2016).	2016
67.	P. Sarbadhikary, S. Shil, A. Panda and A. Misra	A Perspective on Designing Chiral Organic Magnetic Molecules with Unusual Behavior in Magnetic Exchange Coupling, <i>J. Org. Chem.</i> 81 , 2623-2630 (2016).	2016
68.	A. Kamath, D. K. Mishra, D. Brahman, G. Pilet, B. Sinha & A. Tamang	<i>RSC Adv.</i> , 6 (2016) 46030-46036.	2016
69.	A. Das, D. K. Mishra & B. Sinha	<i>J. Coord. Chem.</i> , DOI: 10.1080/00958972.2017.1378812	2017
70.	K. Acharjee, J. Sarkar, P. Deb, U. Chakraborty & B. Sinha	<i>J. Plant Nutrition.</i> , DOI: 10.1080/01904167.2017.1385810	2017
71.	A. Sarkar & B. Sinha	<i>J. Solution. Chem.</i> 45 (2017) 424-445	2017
72.	M. Saha, S. Sengupta, B. Sinha & D. K. Mishra	<i>Asian J. Research Chem.</i> DOI: 10.5958/0974-4150.2017.00068.2	2017
73.	D. K. Mishra, A. Das, A. Kamath & B. Sinha	<i>J. Mol. Liq.</i> , 230 (2017) 662-666.	2017
74.	Dhiraj Brahman, Amarjit Kamath, D. K. Mishra & B. Sinha	<i>J Solution Chem.</i> DOI: 10.1007/s10953-017-0592-0	2017

12. Research Projects (Major & Minor):

Major Research Project		
Title of the Scheme / Project	Sanctioned Authority	
Prof. M. N. Roy		
(i) Physicochemical Studies of Ions and Organic Synthesis	UGC	
(ii) Solution Properties and Host Guest Inclusion Complexes	UGC	
Prof. B. Basu		
“Graphite Oxide (GO) Based Carbon Materials: Green Catalytic Application in Synthetic Organic Reactions”	SERB, DST	
Prof. P. Ghosh		
Transformative reactions on the isolated triterpenoids from the medicinal plants of Darjeeling hills and screening for their biological activity	UGC	
Investigation of Cu-nanoparticle catalysed C-N and C-O Coupling Reaction	CSIR	
Chemically Modified Graphene Materials: Green Catalytic Transformation on Natural Products	CSIR	
Development of novel methodology for C-Hetero bond formation	CSIR	
Explorative studies on carbon-hetero bond transformation reaction and carbohetero bond formation reaction	CSIR	
Polymeric additive for lube oil	CSIR	
Synthesis and Characterization of additive for lube oil	CSIR	
Prof. A. Misra		
Title of the Project: “Theoretical Investigation of Optical, Transport and Magnetic Properties in Mesoscopic Systems”	DST-SERB	
Dr. S. Das		
Designing & Synthesis of Functionalized N-heterocycles (4 quino-ione and imidazopyridine) and evaluation of their biocidal properties.	DST-SERB	
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:

- Bronze Medal from CRSI
- Bharat Gourav Award by IFIS
- Research Work Published in the "Nature Scientific Reports"

Ph. D Awarded under supervision: 5

- (i) Smt. Tanusree Ray
- (ii) Sri Subhankar Choudhury
- (iii) Sri Pritam De
- (iv) Partha Sarathi Sikder
- (v) Sri Milan Chandra Roy

Prof. B. Basu:

- Visiting Professor, December 2016: Fudan University, Shanghai, China

Ph. D Awarded under supervision:

- (i) Smt. Babli Roy
- (ii) Sri Kinkar Biswas
- (iii) Sri Samir Kundu
- (iv) Sri Debasish Sengupta

Book Published: Book Chapter in *Green Techniques for Organic Synthesis and Medicinal Chemistry* 2nd Ed. W. Zhang, Chapter 11: *Solid Supported Catalysis* by S. Bhattacharyya and B. Basu, In Press, 2017, Wiley, New York.

Prof. P. Ghosh:

Ph. D Awarded under supervision:

- (i) Sri Joyanta Das
- (ii) Sri Raju Subba
- (iii) Sri Ashim Ghosh
- (iv) Smt. Mahua Upadhyay
- (v) Sri Prawin Kr. Sharma
- (vi) Sri Bhaskar Bagchi
- (vii) Sri Biswajit Das

Prof. A. Misra

- CRSI Research Award 2016
- Nominated as a member of the CRSI Governing Council

Ph. D Awarded under supervision:

- (i) Sri Tamal Goswami
- (ii) Sri Satadal Paul
- (iii) Smt. Sonali Sarkar

Dr. B. Sinha:

Participated in a workshop: 01 as detailed below:

Name of the Workshop	Venue & Date
Summer Workshop on Electronic Band	Dept. of Physics, N. B. U,

Books/Chapters published: 03 as detailed below:

Name of the Book	Authors, Publisher & Date
Interactions of thiamine hydrochloride in aqueous TBAHS solutions: Volumetric, viscometric and uv-vis spectroscopic methods	A. Sarkar & B. Sinha , Lambert Academic Publishing, September 2016, ISBN: 978-3-659-96322-3
Host-guest interactions between a drug and cyclodextrin: Inclusion complex formation and solution behaviour	A. Sarkar & B. Sinha , Lambert Academic Publishing, July 2017, ISBN: 978-620-2-01028-3
Interactions between an anticancer agent and cyclodextrin: Inclusion complex formation and solution thermodynamics	A. Sarkar & B. Sinha , Lambert Academic Publishing, July 2017, ISBN: 978-3-330-04442-5

Ph. D Awarded under supervision:

- (i) Sri Dhiraj Brahmin

Dr. S. Das:

Ph. D Awarded under supervision:

- (i) Sri Sumanta Gupta

Departmental Major Achievement:

- ❖ **Major Project:** UGC-SAP (DRS-II) Amounting Rs. 75 Lakh
Program Coordinator: Prof. M. N. Roy, HOD
- ❖ **DST-FIST Program:** Amounting Rs. 2.28 Crore, Program Coordinator: Prof. M. N. Roy, HOD

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 participates 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
Prof. Ranjit Kumar Samanta		Dr. Swarup Das
Prof. Nayan Ranjan Manna		Dr. Sarad Sinha
Prof. Subhas Chandra Pal		Dr. Ardhendu Mandal
		Dr. Rakesh Kumar Mandal
		Dr. Dilip Roy Chowdhury

5. Name of the Research Scholars :

Sl.No.	Name of the Scholar	Designation	
01.	Apash Roy	Research Scholar	
02.	Amit Ghosh Roy	Research Scholar	
03.	Dipanjan Moitra	Research Scholar	
04.	Philip Lepcha	Research Scholar	
05.	Debosmita Saha	Research Scholar	
06.	Jayanta Loha	Research Scholar	
07.	Abhijit Dutta	Research Scholar	
08.	Malay Mitra	Research Scholar	
09.	Subhro Sarkar	Univ. Fellowship	
10.	Dipanjan Bhowmik	UGC JRF	

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)

7. Students Strength

Students	Semester	Male	Female	Total
MCA	1 st Sem.	6	5	11
	2 nd Sem.	-	-	-
	3 rd Sem.	18	6	24
	4 th Sem.	-	-	-
	5 th Sem.	10	4	14
	6 th Sem.	-	-	-
M.Sc. Computer Science	1 st Sem.	2	8	10
	2 nd Sem.	-	-	-
	3 rd Sem.	8	4	12
	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

9. Organized Seminar / Conferences :

Name of the Seminar/Conference	Date of Seminar Conference
National Conference on Computational Technologies-2017 (NCCT'2017)	February, 2017

10. Publication :

Name of the Author	Name of the Book/Journal/Volume	Year of Publication
<u>Dr. Ardhendu Mandal</u>	<ol style="list-style-type: none"> 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. 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. 3. Probal Dutta, Kanishka Sarkar, and Ardhendu Mandal, Segmentation of Breast Tumor from Mammographic Images Using Histogram Peak Slicing Threshold, International Journal of Computer Sciences and Engineering, 4(1) (Special Issue), 85-92, 2016. 4. Kanishka Sarkar, Ardhendu Mandal and Rakesh Kumar Mandal, Histogram Peak Normalization Based Threshold to Detect Brain Tumor from T1 Weighted MRI, International Journal of Computer Sciences and Engineering, 4(1) (Special Issue), 16-24, 2016. 5. Debasmita Saha, and Ardhendu Mandal, Design and performance evaluation of Advanced Priority Based Dynamic Round Robin Scheduling Algorithm (APBDRR), International Journal of Computer Sciences and Engineering, 4(1) (Special Issue), 78-84, 2016. 	<p>2017</p> <p>2017</p> <p>2016</p> <p>2016</p> <p>2016</p>
<u>Dr. Rakesh Kumar Mandal</u>	<ol style="list-style-type: none"> 1. Rakesh Kumar Mandal, "Pattern Variation Method with Modified Weights to Detect Lie Using Artificial Neural Network (PVMMWANN)", AMSE Journals Series: Modelling C, Vol. 77, N^o1, pp 41-52, 2016. 2. Rakesh Kumar Mandal, "Design of Basic Logic Gates using CMOS and Artificial Neural Networks (ANN)", AMSE Journals Series: Modelling D, Vol. 21, N^o1, pp 38-49, 2016. 3. Rakesh Kumar Mandal, "Design of CMOS OR Gate using Artificial Neural Networks (ANNs)", AMSE Journals Series: Modelling D, Vol. 21, N^o1, pp 50-61, 2016. 4. Kanishka Sarkar, Rakesh Kumar Mandal, Ardhendu Mandal and Subhro Sarkar, "Least Centre Distance Based MAXNET Architecture to Obtain Threshold for Brain Tumor Edema Segmentation From FLAIR MRI", International Journal of Computer Sciences and Engineering, Vol. 5, Issue 2, E-ISSN 2347-2693, pp 112-120, 2017. 5. Dipanjan Moitra and Rakesh Kumar Mandal, "Review of Brain Tumor Detection using Pattern Recognition", International Journal of Computer Sciences and Engineering, Vol. 5, Issue 2, E-ISSN 2347-2693, pp 121- 	<p>2016</p> <p>2016</p> <p>2016</p> <p>2017</p> <p>2017</p>

	123, 2017 6. Payel Saha and Rakesh Kumar Mandal , "Detection of Dengue Disease Using Artificial Neural Networks", International Journal of Computer Sciences and Engineering, Vol. 5, Issue 3, E-ISSN 2347-2693, pp, 65-68, 2017	2017
<u>Dr. Dilip Roy Chowdhury</u>	1. "OTP Generation Algorithm - A Rubik's Cube Principle Implementation", International Journal of Computer Sciences and Engineering (IJCSE), Vol. 5, Issue: 2, pp. 8-14, IF 2.162, e-ISSN: 2347-2693, Feb' 2017.	2017
	2. "Artificial Neural Network Based Trend Analysis and Forecasting Model for Course Selection", International Journal of Computer Sciences and Engineering (IJCSE), Vol. 5, Issue: 2, pp. 20-26, IF 2.162, e-ISSN: 2347-2693, Feb' 2017.	2017
	3. "An Empirical Study on Mushroom Disease Diagnosis: A Data Mining Approach", International Research Journal of Engineering and Technology (IRJET), Vol. 4, Issue. 1, pp. 529-534, IF: 5.181, e-ISSN: 2395-0056, January 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. Ardhendu 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

14. 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:** 1962

4. **Name of the Faculty:**

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

5. **Name of Research Scholars:**

- i. Mr. Pranab Mandal
- ii. Mr. Dorjay Bhutia
- iii. Miss Rituparna Das
- iv. Biswajit Das

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

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

Name	Designation
1. Mr. Bhanu Basak	Junior Super
2. Mr. Biman Bagchi	Lab Attendant
3. Mr. Kalyan Roy	Technical assistant
4. Mr. Surja Das	Lab attendant
5. Mr. Pawan Kamti	Record keeper
6. Mr. Sumit Bhhowmick	Junior peon

8. **Students strength:**

Students	Male	Female	Total
Part I (1 st Semester)	27	22	49*
(2 nd Semester)	27	22	49*
Part II (3 rd Semester)	24	22	46*
(4 th Semester)	24	22	46*

*Only for main campus.

9. Seminar/Conferences attended (outside the country and within the country)

LIST OF SEMINAR/CONFERENCE ATTENDED

Prof. S. Rohatgi

Convener of the UGC Sponsored Seminar on <i>Women Society and Crime</i>	31 st March, 2017	Centre for Women's' Studies, University of North Bengal	
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Prof. D. K. Mandal

UGC Sponsored National Seminar on "Human interventions: Present and future state of Environment". Acted as Resource Person and delivered a Special Lecture on "Depletion of forest resources in Duars and its impact on natural drainage systems".	Aug. 12-13, 2016	Birpara College, WB	Birpara College, WB
Acted as Co-Coordinator, UGC-HRDC NBU organized RC on "Disaster Management and Environment Studies".	Nov. 1-21, 2016	UGC, New Delhi	UGC-HRDC NBU

Prof. Ranjan Roy

UGC Sponsored National Seminar on "Human interventions: Present and future state of Environment". Acted as Resource Person and delivered a Special Lecture on Addressing the major wild animal losses in North Bengal: Lessons from Human activities: A review	12-13, August, 2016	Birpara College, West Bengal	Birpara college
Chaired the First Technical Session on 13 th August, 2016 of UGC Sponsored National Seminar on "Human interventions: Present and future state of Environment".	12-13, August, 2016	Birpara College, West Bengal	Birpara college
UGC Sponsored National Seminar on "Human interventions: Present and future state of Environment". Joint paper on Man and Animal conflict in Terai and Duars regions of North Bengal	12-13, August, 2016	Birpara College, West Bengal	Birpara college
Resource Person in UGC-HRDC NBU organized RC On "Disaster Management and Environmental Studies" and Delivered lecture on "Disaster Management in India with Special Reference to Earthquake".	Date: 19.11.2016	Academic Staff College, NBU, 9 th November-29 th November, 2016	University of North
38 th Indian Geography Congress on "Sustainable Development and Environment Vulnerability and Geospatial Technology" Paper presented on "An Insight On The Problem Of Water Supply In Darjeeling Town And Its Solutions."	26-28 December, 2016	Department of Studies in Geography, University of Mysuru	University of Mysuru
Chaired the Technical Session on Water Resource Management of 38 th Indian Geography Congress on "Sustainable Development and Environment Vulnerability and Geospatial Technology"	26-28 December, 2016	Department of Studies in Geography, University of Mysuru	University of Mysuru

UGC Sponsored National Seminar on Population Growth, Urbanisation and Land Utilization on delivered a special lecture on "Population growth, urbanization and land utilization"	13-14 February, 2017	Dept. of Geography & Applied Geography, University of North Bengal	
UGC Sponsored National Seminar on Population Growth, Urbanisation and Land Utilization joint paper presented on Intra regional disparity of socio economic status in Dakshin Dinajpur district: A block level analysis	13-14 February, 2017	Dept. of Geography & Applied Geography, University of North Bengal	
UGC Sponsored National Seminar on Population Growth, Urbanisation and Land Utilization joint paper presented on Changing trend and pattern of urbanization in Jalpaiguri district, West Bengal	13-14 February, 2017	Dept. of Geography & Applied Geography, University of North Bengal	
Resource Person in Prof. S.P. Dasgupta Memorial Lecture and Delivered Special Lecture on "Techniques of Choropleth Mapping."	18.2.2017	Dept. of Geography, A.B.N. Seal College, Cooch Behar	
Convener of the National Seminar on "Livelihood Challenges and Spatial Transformation in India."	24-25 March, 2017	Department of Geography, Raiganj University	Govt. of WB

Dr. Indira Lepcha (nee) Lama

Delivered lecture UGC-IIRDC NBU organized RC on "Disaster Management and Environment Studies". Environment Impact assessment.	Nov. 21, 2016	UGC, IIRDC, NBU	UGC-IIRDC NBU
Convener of the UGC Sponsored seminar on Population Growth, Urbanisation and Land Utilization	13-14 Feb., 2017	Dept. of Geography & Applied Geography, University of North Bengal	

Dr. Sudip Kr. Bhattacharya

Name of Seminar/Conference	Organizer	Title of Paper Presented
1. UGC sponsored National Seminar on "Human Interventions: Present and Future state of Environment" from August, 12-13, 2016.	Department of Geography, Birpara College, Birpara, Alipurduar, W.B.	Human interference and the change of landslide susceptibility in the Kurseong hill subdivision, West Bengal.
2. 29 th Conference of Indian Institute of Geomorphologists (IGI), Kolkata, 24-27, November 2016	Department of Geography, University of Calcutta, 35 Ballygunj Circular Road, Kolkata 700019	Prediction of different magnitudes of Landslide zones in the Kurseong Hill Subdivision, West Bengal.
3. West Bengal Govt. Sponsored National Seminar on Livelihood,	Department of Geography, Raiganj University,	Special Lecture: Landuse change vis a vis erosion

challenges and spatial transformation in India, 24-25 March, 2017	Raiganj, Uttar Dinajpur.	hazards in the Kurseong subdivision in the Darjeeling district, West Bengal.
Organizing Secretary of the UGC Sponsored seminar on Population Growth, Urbanisation and Land Utilization	13-14 February, 2017	Dept. of Geography & Applied Geography, University of North Bengal

Dr. Snehasish Saha

Sl. No.	Theme	Title	Held on:	Organizers'	Level
1	Livelihood Challenges and Spatial Transformation in India	Transformations of traditional livelihood and economic composition of population: A case study of Toto tribes, Totopara, Madarihat Block, Alipurduar District, W.B	24-25 March, 2017	Dept. of Geography, Raiganj University, Raiganj, UD	WB Govt. sponsored. National Seminar
2	Disaster Management and Environmental Studies	Application of GIS	13 th November, 2016	HRD Centre, NBU (Erstwhile ASC)	Refresher Course
3	Bhujigyasa contest programme	Old Greek Contributors and evolution of Geographic speculation: An informative Discussion	21 st August 2016	Bangiyo Bhugol Mancha	Local/Regional
4.	Population Growth, Urbanisation and Land Utilization	Analysis of Socio-Economic Status of Toto tribes: A case study of Totopara Village, Madarihat, West Bengal	13-14 February, 2017	Deptt. of Geography and Applied Geography, NBU	UGC Sponsored National Seminar

Co-Chair personship

Sl. No.	Theme	title	Held on:	Organizers'	Level
1	Livelihood Challenges and Spatial Transformation in India	-	24-25 March, 2017	Dept. of Geography, Raiganj University, Raiganj, UD	WB Govt. sponsored. National Seminar

Mr. Arindam Basak

Sl. No.	Theme	Title	Held on:	Organizers'	Level
1	Livelihood Challenges and Spatial Transformation in India	Livelihood challenges in Rural North Bengal	24-25 March, 2017	Dept. of Geography, Raiganj University, Raiganj, UD	WB Govt. sponsored. National Seminar
2	Population Growth, Urbanisation and Land Utilization	Social and Cultural Characteristics of the People of Puruliya Municipality: A Geographical Appraisal	13-14 February, 2017	Deptt. of Geography and Applied Geography, NBU	UGC Sponsored National Seminar
3	38 th Indian Geography Congress on "Sustainable Development and Environment Vulnerability and Geospatial Technology	Socio-Economic Condition of English Bazar and Puruliya Municipality: A Ward Level Study	26-28 December, 2016	Department of Studies in Geography, University of Mysuru	National
4	Disaster Management and Environmental Studies	Real time mapping with GPS	13 th November, 2016	HRD Centre, NBU (Erstwhile ASC)	Refresher Course
5	UGC sponsored National Seminar on "Human Interventions: Present and Future state of Environment"	Human adaptations to various Natural Disasters in Sub – Himalayan North Bengal	12-13 August 2016	Department of Geography, Birpara College, Birpara, Alipurduar, W.B.	National

10. Organized Seminar/conferences:

Name of the Seminar/Conference	Date of the Seminar/conference	
Population growth, urbanization and land utilization	February 13-14, 2017	UGC Sponsored National Seminar

11. Publication:

PROF. SUBIR SARKAR	
1.	Application of GIS in Integrated Watershed Management, in "Remote Sensing and GIS in Environmental Management", Edi. By D. K. Mandal, North Bengal University Press, Raja Rammohunpur, pp., 62-72; ISBN 978-81-921692-8-6
2.	Issues and challenges of peri-urban wetland: A case study on Chatra Beel, English Bazar, Malda, Geographical Thoughts, University of North Bengal, Vol. 14, 2016, pp. 13-25, ISSN 2229-466X

PROF. SUSHMA ROHATGI

1. Present condition of the people of the enclave settlement camps of Koch Bihar, West Bengal India, Geographical Thoughts, University of North Bengal, Vol. 14, 2016, pp. 24-28, ISSN 2229-466X
2. Socio economic profile and livelihood of population of border area: a case study of Golapganj G.P., Kaliachak Block III, Malda district, Geographical Thoughts, University of North Bengal, Vol. 14, 2016, pp. 96-104, ISSN 2229-466X

DR. SUMAN SAO

1. Identification of land use and urban facilities using Remote Sensing and GIS techniques in Mathabhnaga town in "Remote Sensing and GIS in Environmental Management", Edi. By D. K. Mandal, North Bengal University Press, Raja Rammohunpur, pp., 153-173; ISBN 978-81-921692-8-6
2. Terracorra Work: A Study in Economic perspective, Geographical Thoughts, University of North Bengal, Vol. 14, 2016, pp. 1-12, ISSN 2229-466X

PROF. DEEPAK KUMAR MANDAL

1. *Sediment Sorting and Distribution along Lower Balason River, Darjeeling District, West Bengal* (with L. Tamang), Geographical Review of India, The Geographical Society of India, Kolkata, Vol.78, No. 2, pp. 119-131, ISSN 0375-6386
2. *Causes of Embankment Breaching in the River Mahananda at Champasari in Darjeeling district, west Bengal*, (with P. Sarkar) Geographical Thoughts, University of North Bengal, Vol. 14, pp. 23-29, ISSN 2229-466X
3. *Forest Degradation and forest change detention using Remote Sensing and GIS in Jalpaiguri and Alipurduar District (Duars) of West Bengal*, (with T. Das) Geographical Thoughts, University of North Bengal, Vol. 14, pp. 191-199, ISSN 2229-466X
4. *Flood Management and Mitigation in Koch Bihar District, West Bengal*, (with S. Shil Sharma) in "Remote Sensing and GIS in Environmental Management", Edi. By D. K. Mandal, North Bengal University Press, Raja Rammohunpur, pp., ISBN 978-81-921692-8-6, 2017

PROF. RANJAN ROY

1. Measuring the nodal connectivity of surface transport network in Raiganj block, uttar Dinajpur district, West Bengal, India, Academia: An International Multidisciplinary Research Journal, ISSN-224-9-7137, Impact factor: SJIF 2013-5.09 pp. 5-13
1. Impact of Environment on rural livelihood pattern: A case study of Darjiling district; West Bengal, Geographical Thoughts, University of North Bengal, Vol. 14, 2016, ISSN 2229-466X
2. Economic status of tribal people in Mal subdivision of Jalpaiguri district, Geographical Thoughts, University of North Bengal, Vol. 14, 2016, pp. 105-114, ISSN 2229-466X
3. Health status of workers in brick kiln industry: a study in Tufanganj Block-I, Koch Bihar district Geographical Thoughts, University of North Bengal, Vol. 14, 2016, pp. 139-151, ISSN 2229-466X
4. An assessment of tourism industry in Koch Bihar district, West Bengal, Geographical Thoughts, University of North Bengal, Vol. 14, 2016, pp. 176-187, ISSN 2229-466X
5. Socio Economic disparities in Dakshin Dinajpur district, West Bengal: A block level study, Research Analysis and Evaluation, ISSN 0975-3486 (P), 2017, Issue 94-96, SJIF: 4.279

DR. INDIRA LEPCHA (nee) LAMA

1. Fire Hazard Vulnerability Zones in Darjeeling Municipality, West Bengal in "Remote Sensing and GIS in Environmental Management", Edi. By D. K. Mandal, North Bengal University Press, Raja Rammohunpur, pp., 191-203; ISBN 978-81-921692-8-6, 2017
2. A study of sex ratio in Darjiling district, West Bengal, Geographical Thoughts, University of North Bengal, Vol. 14, 2016, pp. 40-55, ISSN 2229-466X

DR. SUDIP KUMAR BHATTACHARYA

1. A comparison of the predicted vulnerability zones with the data based on hazard zones of landslide in the Kurseong hill subdivision, Darjeeling district, West Bengal, India. Environmental Earth Science, Springer; ISSN: 1866-6280 (Print) 1866-6299 (Online), DOI:10.1007/s12665-016-5729-8, May 2016, Volume 75, Issue 10, Article 923, pp 1-10
2. Quality of life of the women worker's vis a vis the positional status of the tea gardens in the Darjeeling Hills, West Bengal, India. Geographical Thoughts, ISSN 2229 - 466X, N.B.U. Vol 14, 2016, pp. 72-77. (First author in the joint paper with SreyashiGanguli).
3. Geomorphometric analysis of the Jainti river basin by using digital elevation data in West Bengal, India. Hill Geographer, ISSN 0970-5023, Vol 32:2, 2016, pp. 1-15.
4. Profitable and viable alternative to tobacco crop in Dinhata subdivision of Koch Behar district, West Bengal. Indian Journal of Landscape System and Ecological Studies, ISSN 0971-4170, Vol 39:2, 2016, pp. 70-88. (Second author in the joint paper with Jayanta Das).
5. Application of Remote Sensing and GIS in Wetland Management: A case study of Koch Bihar District, West Bengal in "Remote Sensing and GIS in Environmental Management", Edi. By D. K. Mandal, North Bengal University Press, Raja Rammohunpur, pp., ISBN 978-81-921692-8-6, pp. 28-39, 2017

DR. SNEHASISH SAHA

1. Morphometric study of Murti River Basin in Jalpaiguri using GIS Environment in Remote Sensing and GIS in Environmental Management", Edi. By D. K. Mandal, North Bengal University Press, Raja Rammohunpur, pp., ISBN 978-81-921692-8-6, pp. 53-61, 2017
2. Adjustments of channel hydraulics vs channel bed forms: A case study of river Diana in Jalpaiguri, West Bengal, Geographical Thoughts, University of North Bengal, Vol. 14, 2016, pp. 78-85, ISSN 2229-466X

SRI ARINDAM BASAK

1. Spatial Variation of Basic Demography in English Bazar Municipality: A Ward Level Study in Remote Sensing and GIS in Environmental Management", Edi. By D. K. Mandal, North Bengal University Press, Raja Rammohunpur, pp., ISBN 978-81-921692-8-6, pp. 124-132, 2017
2. Housing conditions and availability of household asset across various districts of North Bengal Geographical Thoughts, University of North Bengal, Vol. 14, 2016, pp. 86-95, ISSN 2229-466X

12. Research Projects (Major & Minor)

Major Research Project		
Title Of The Scheme Project	Sanctioning Authority	Disaster Management with focus on sub-Himalayan North Bengal
SAP	UGC	
Minor Research Project		
Title of The Scheme Project	Sanctioning Authority	

13. Visiting Fellow

Name of the Visiting Fellow	Duration
1. Prof. P. Nandi, Department of Geography, Viswabharati	02.12.2016 to 9.12.2016
2. Prof. A. Sarkar, Presidency University (retired from Chandernager College)	19.12.2016 to 23.12.2016
3. Prof. D. K. Nayak, NEHU	March, 2017
4. Prof. Sunil Kr. Dey, NEHU	March, 2017
5. Prof. Anish Chattopadhyay, Presidency University	March, 2017

14. **Any other information:** Special lecture was delivered by faculty from Polish Academy of Sciences, Poland on the following on 16.11.2016:

1. *Where do the river channels begin?* Dr. Eliza Placzkowoka
2. *Social perception of dam construction.* Dr. Luuasz Wiewaczka

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 has a large computing facility sponsored by the DST FIST grant.
- The Department is co-ordinating the Mathematical Olympiads and related training programmes for high school students, Madhava Mathematics Competition for undergraduate students in affiliated colleges and other colleges in the vicinity and Refresher Courses in Mathematics organized by ASC-NBU.
- The department received a grant of Rs. 10, 70,000/- from **NBHM (National Board for Higher Mathematics)** for the Departmental Library in 2016 – 2017.

4. (a) Name of the Faculty:

<i>Professor</i>	<i>Associate Professor</i>	<i>Assistant Professor</i>
Prof. M.K. Bose (Retired on 21.04.2016)	-	Dr. M. Singha
Prof. D.P. Datta (Retired on 26.01.2017)	-	Dr. D. C. Pramanik
Prof. S. De Sarkar	-	Ms. Nita Tamang
-	-	Dr. Pradip Majhi (on Lien from 11.08.2016)

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)

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 (2016 – 2017)</i>
Part I, 1 st Sem	39	18	57
2 nd Sem	31	17	48
Part II, 3 rd Sem	23	18	41
4 th Sem	22	17	39

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

<i>Name of the Teacher</i>	<i>Name of the Seminars / Conference</i>	<i>Venue & Date</i>	<i>Title of the paper presented</i>
Dr. M. Singha			
	National Conference on Trends in Science & Technology	Salesian College, Siliguri, 27 th & 28 th February, 2017.	Plenary Lecture: Different way of thinking about convergence of sequence and nets in topological spaces
	“International Seminar on Topology, Analysis and Algebra (ISTAA-2017)”	Department of Mathematics, University of North Bengal during 11 th – 12 th February, 2017	Acted as a Convener
	Workshop on “Selection Principle and Topological Game Theory” conducted by Prof. Ljubiša Kočinac, University of Nis, Serbia and organized by the Department of Mathematics, University of North Bengal	Department of Mathematics, University of North Bengal during 13 th to 20 th February, 2017	Acted as a Convener
Dr. D.C. Pramanik			
	“International Conference on Exploring Advances in Mathematical Sciences 2017”	March 23-24, 2017 at Department of Mathematics, University of Gour Banga, Malda, West Bengal, India	Presented paper entitled “Growth properties of special type of differential polynomial on the basis of central index”

	“National Seminar on Recent Advances in Mathematics and its Applications”	March 01-02, 2017 at Department of Mathematics, University of Calcutta, West Bengal, India.	Presented paper entitled “On solutions of some non-linear differential equations in connection to Brück Conjecture”
	“International Seminar on Topology, Analysis and Algebra (ISTAA-2017)”	Department of Mathematics, University of North Bengal during 11 th – 12 th February, 2017	Acted as a Joint Convener
	“82nd Annual Conference of the Indian Mathematical Society”	December 27-30, 2016, organized by the Department of Mathematics, University of Kalyani, West Bengal, India.	Presented paper entitled “Generalizations of Brück Conjecture and some non-linear complex differential equations”
	“National Conference on Advances in Mathematical Sciences”	December 22-23, 2016 at Department of Mathematics, Gauhati University, Assam, India.	Presented paper entitled “On the study of Brück Conjecture and some non-linear complex differential equations”
	Workshop on “Selection Principle and Topological Game Theory” conducted by Prof. LjubišaKočinac, University of Nis, Serbia and organized by the Department of Mathematics, University of North Bengal	Department of Mathematics, University of North Bengal during 13 th to 20 th February, 2017	Participated in the Workshop
	“Mathematical Sciences” organized by UGC-HRDC, CPDHE, University of Delhi, Delhi	University of Delhi, Delhi, from 30 th August, 2016 to 20 th September, 2016.	Participated in 3 weeks Refresher Course

Ms. Nita Tamang

	International Seminar on Topology, Analysis and Algebra (ISTAA-2017)	11-12 Feb, 2017, held at Department of Mathematics, University of North Bengal.	
	Workshop on “Selection Principle and Topological Game Theory” conducted by Prof. LjubišaKočinac, University of Nis, Serbia	Department of Mathematics, University of North Bengal during 13 th to 20 th February, 2017	Participated in the Workshop

	and organized by the Department of Mathematics, University of North Bengal		
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10. Organized Seminar/ Conferences:

<i>Name of the Seminar / Conference</i>	<i>Date of the Seminar/ Conferences</i>	<i>Remarks</i>
International Seminar on Topology, Analysis and Algebra (ISTAA-2017)	11 th & 12 th February, 2017	The Seminar held at the Department of Mathematics, N.B.U. Some Mathematicians of international repute like Prof. Ljubisa Kocinac , Prof. Djamilia Seba will be among the eminent speakers. This seminar is meant to provide a platform for experts in Topology, Mathematical Analysis and Algebra to interact with each other and share their ideas. A number of young Researchers and Post Graduate Students participated in that seminar.
Workshop on “Selection Principle and Topological Game Theory”	13 th to 20 th February, 2017	The workshop was conducted by Prof. Ljubiša Kočinac, University of Nis, Serbia and organized by the Department of Mathematics, University of North Bengal.

11. Publication:

<i>Name of the Author</i>	<i>Name of the Book/ Journal Volume</i>	<i>Year of Publication</i>
➤ Prof. S. De Sarkar		
N. Tamang and S. De Sarkar	Some Nearly Open Sets in a Fuzzy Sequential Topological Space, International Journal of Mathematical Archive, 7(2), (2016) 120-128.	2016
N. Tamang, M. Singha and S. De Sarkar,	On the notions of continuity and compactness in fuzzy sequential topological spaces, International Journal of Engineering and Advanced Research Technology, 2(10) (oct 2016), 2454-9290.	2016
N. Tamang and S. De Sarkar,	Decomposition of Continuity in a Fuzzy Sequential Topological Space, Theory and Applications of Mathematics & Computer Science 7 (1) (2017) 78 – 94.	2017
➤ Dr. M. Singha		
M. Singha, N. Tamang and S. De Sarkar,	On the notions of continuity and compactness in fuzzy sequential topological spaces, International Journal of Engineering and Advanced Research Technology, 2(10) (oct 2016), 2454-9290.	2016

M. Singha <i>et. al.</i>	Towards Cantor Intersection Theorem and Baire Category Theorem in Partial Metric Spaces Page: 126-132 MATEMATYCKI VESNIK MATEMATIQKI VESNIK Vol. 69, 2 (2017), 0025-5165 (Print) 2406-0682 (Online)	2017
M. Singha <i>et. al.</i>	On Topological Complete Hypergroups, Filomat, Accepted in 2017. 2406-0933	2017
➤ Dr. D. C. Pramanik		
D. C. Pramanik , M. Biswas and Rajib Mandal	Growth estimates of entire functions on the basis of central index and (p,q)th order, IOSR Journal of Mathematics, Vol. 12, Issue 5, Sep-Oct 2016, E-ISSN: 2278-5728, P-ISSN: 2319-765X, pp. 65-69.	2016
D. C. Pramanik , M. Biswas and A. Biswas	Some results on the growth of entire functions on the basis of central index, International Journal of Engineering, Science and Mathematics, Volume 4, Issue 5, May 2016, ISSN: 2347-6532, pp. 1-13.	2016
➤ Ms. Nita Tamang		
N. Tamang and S. De Sarkar	Some Nearly Open Sets in a Fuzzy Sequential Topological Space, International Journal of Mathematical Archive, 7(2), (2016) 120-128.	2016
N. Tamang , M. Singha and S. De Sarkar,	On the notions of continuity and compactness in fuzzy sequential topological spaces, International Journal of Engineering and Advanced Research Technology, 2(10) (oct 2016), 2454-9290.	2016
N. Tamang and S. De Sarkar,	Decomposition of Continuity in a Fuzzy Sequential Topological Space, Theory and Applications of Mathematics & Computer Science 7 (1) (2017) 78 – 94.	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/-
Minor Research Project		
-	-	-

13. i) Visiting Fellow:

<i>Name of the Visiting Fellow</i>	<i>Duration</i>	
Prof. Pratulananda Das Department of Mathematics, Jadavpur University	7 th November, 2016 – 13 th November, 2016.	-

ii) Foreign Visiting Fellow:

<i>Name of the Visiting Fellow</i>	<i>Duration</i>	
PROF. LJUBIŠA KOČINAC UNIVERSITY OF NIS, SERBIA.	10 th February, 2017 – 20 th February, 2017.	-

14. Any other information:

Ph. D. Awarded (from: 1st April, 2016 to 31st March, 2017):

NIL

- A Special lecture entitled “**History of Integration from Antiquity to Henstock**” organized by the Department on 23.11.2016. Speaker: Prof. Dilip Kumar Ganguly (Retd.), Calcutta University.
- A Special lecture on Theory of Logic organized by the Department on 17.11.2017. Speaker: Prof. Mihir Kr. Chakraborty(Retd.), Calcutta University.
- A Special lecture entitled “**Sister Nivedita, Indian Renaissance and Contemporary Youth**” organized by the Department on 30.11.2016. Speaker: Swami Chandrakantananda, Belur Math, Howrah.
- National Science Day celebrated in the Department on 28th February, 2017. The students of the Department published wall magazines.
- The students of the Department organized **Blood Donation Camp** on 6th April, 2017(contribution- **213** units) in the Department.
- **Pre-Regional Mathematical Olympiad (Pre-RMO)’16 Test** was held on 16th October, 2016 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 – 2017)** was held on **8th January, 2017** 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).

DEPARTMENT OF MICROBIOLOGY

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

2. Date of Establishment: **2005**

3. Introduction of the department:

4. Name of the Faculty :

Professor	Associate Professor	Assistant Professors
		1. Dr. Arindam Bhattacharjee
		2. Ms. Sarita Kumari
		3. Dr. Payel Sarkar
		4. Mr. Shyama Prasad Saha
		5. Ms. Khusboo Lepcha

5. Name of the Research Scholars: Aditi Rai, Swarnab Sengupta, Nitya Rai, Upasana Chetri

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-: 23 Part-2: 24

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 (Co-author)	Bengal Science congress	A.C. college, Jalpaiguri 7 th & 8 th Nov; 2016	1. Effect of nitrosative stress on cellular properties with special reference to ethanol production in <i>Saccharomyces cerevisiae</i> 2. Isolation and characterisation of a psychrotrophic amylase producing bacteria from Tsomgo lake in East Sikkim
AWARDS			
Name of the scholars	Name of the Seminar/Conference	Venue & Date	Title of Paper
Swarnab Sengupta (Outstanding paper award)	Bengal Science congress	A.C. college, Jalpaiguri 7 th & 8 th Nov; 2016	1. Effect of nitrosative stress on cellular properties with special reference to ethanol production in <i>Saccharomyces cerevisiae</i>

10. Organized Seminars/Conferences/Workshop: NIL

11. Publications:

Sl. No.	Name of author	Name of Journal/book/volume	Year of publication
Dr. Arindam Bhattacharjee			
1.		Online International Interdisciplinary Research Journal,	2016
2.		J. Proteo. Genomics	2016
3.		BBOAJ	2017
Ms. Sarita Kumari			
1.	Anand Sharma, Sarita Kumari , Martinus J.R. Nout and Prabir K. Sarkar	Journal of Food Processing and Preservation	2016
2.	Sarita Kumari and Prabir K. Sarkar	NBU Journal of Plant Sciences	2016
3.	Sarita Kumari and Prabir K. Sarkar	International Journal of Dairy Technology	2017
4.	Sarita Kumari and Prabir K. Sarkar	Indian Journal of Dairy Science	2017
Dr. Payel Sarkar			
1.	Pranita Pradhan and Payel Sarkar*	MS accepted in World Journal Of Pharmaceutical and Medicinal Research	2017

12. Research Projects (Major & Minor):

Major Project: NIL

Minor Project: NIL

13. Visiting Fellow :NIL

14. Any other information:

Two students bagged prize in **All India Essay Writing Event 2016** Organized by United Nations Information Centre India & Bhutan (UNIC).

DEPARTMENT OF PHYSICS

Report for Period: 1st April 2016 — 31st March 2017

Ongoing Research Projects

1. “Development of high-resolution optical detector for growth monitoring of bacteria in liquid culture” by UGC XII Plan Innovative Project – **Prof. M. K. Das**
2. “Experimental studies on the relationship between molecular structure and physical properties of bent-core mesogens having nematic and smectic phases” by DST (SERB) – **Prof. M. K. Das**
3. **DST-SERB EMR Project**, Start date – 16th July 2016 – **Dr. R.K. Dey**
4. “Fabrication and characterization of organic field effect transistors with high mobility and stability” by Board of Research in Nuclear Sciences, Dept. of Atomic Energy – **Prof. P. K. Mandal and Dr. S. Chatterjee**

Seminars Organized

Physics Dept. and IRC jointly organized the following Seminar:

1. The Story of Neutrinos (9.3.2017) – Prof. Naba Kumar Mondal, SINP, Kolkata
2. Exoplanets: Planets outside the solar system (17.3.17)-Prof. A. K. Kembhavi
3. Why Einstein (Had I been born in 1844) ? Relativity for Everyone (18.3.17)- Prof. N. K. Dadhich
4. Theoretical Study of the Intercolated Bilayer Graphene, Au, Pt- Graphene and Ligraphene structures : One kind of 2D materials and its applications – Dr. Srimanta Pakhira (9.12.2016)
5. IRC, NBU organized a two day National Workshop on “Recent Advances in Astrophysics & Cosmology jointly with the Department of Physics, University of North Bengal during March 17-18, 2017 sponsored by IUCAA, Pune and North Bengal University.

Seminar/Conf. attended:

1. Invited Talk on Emergent Universe : Theory and Observations at Department of Mathematics, University of Burdwan (July 2017) Hundred Years of Lambda (Cosmological Constant) - **Prof. B. C. Paul**
2. Invited talk “Phase transition and critical behavior in the vicinity of nematic-smectic-*A* and smectic-*A*- smectic-*C* from high-resolution birefringence measurements” at the “XXI CONFERENCE ON LIQUID CRYSTALS *Chemistry, Physics and Applications*” held during 18-23 September, 2016 in Krynica-Zdroj, Poland” - **Prof. M. K. Das**
3. Invited talk “Critical behavior of birefringence in the vicinity of the smectic-*A* –smectic-*C* phase transition: Crossover from 3D-XY critical to tricritical behavior” 23rd National Conference on Liquid Crystals (NCLC-23), held at Department of Applied Physics, Indian School of Mines, Dhanbad during 07-09, December, 2016 - **Prof. M. K. Das**
4. Performance Of Dye-Sensitized Solar Cells (DSSCs) With Zinc Oxide (Zno) Nanopowders And Nanorods, Suman Chatterjee, Department of Physics, University of North Bengal, Siliguri-734013, India, ICETINN-2017, SMIT, Sikkim - **Dr. S. Chatterjee**
5. Sensors Designed To Achieve Higher Gas Sensitivity Using Nanostructured Sensing Materials, Suman Chatterjee, National Seminar on Recent Trends in Condensed Matter Physics including

- Laser Applications, (NSCMPLA 2017), March 8 – 9, 2017 NSCMPLA-2017, Organized by Department of Physics, The University of Burdwan, Burdwan - **Dr. S. Chatterjee**
6. Fabrication Of Transparent Dye-Sensitized Solar Cells (Dsscs) For Window Pane Application, *Suman Chatterjee*, Section: Engineering Science, 104th Indian Science Congress, Science & Technology for National Development, Jan 3 - 7, 2017. Sri Venkateswara University, Tirupati - **Dr. S. Chatterjee**
 7. Estimation of Tea Quality Through Zinc Oxide Nanorod Sensing Element, Suman Chatterjee, Section: Materials Science, 104th Indian Science Congress, Science & Technology for National Development, Jan 3 - 7, 2017. Sri Venkateswara University, Tirupati - **Dr. S. Chatterjee**
 8. In the Department of Chemistry & Center for Informatics, Shiv Nadar University, Greater Noida on 19th April 2016 on “Liquid Crystals: A Simple View on a Complex System” – **Prof. P.K. Mandal**
 9. In the Workshop and User Meeting of DESY (Deutsches Elektronen Synchrotron, Hamburg, Germany) under India@DESY program during February 2-5, 2017 at Sinclairs Resort, Doarson “Field independent and field induced polar effect in binary and multi-component organic mixtures” - **Prof. P.K. Mandal**.
 10. At Bagdogra College on 28.02.2017 on “Science and Technology for specially abled persons” on the occasion of National Science Day– **Prof. P.K. Mandal**.
 11. In the National Seminar on Recent Trends in Condensed Matter Physics including Laser Applications in Physics Department, Burdwan University during March 8-9, 2017 on “Field independent and field induced polar effect in binary and multi-component organic mixtures” – **Prof. P.K. Mandal**.
 12. 11th Workshop on Astro particle Physics (WAPP 2016), TIFR, Ooty, India – **Dr. R.K. Dey**.
 13. XXII DAE-BRNS High Energy Physics Symposium - 2016, Dept. of Physics and Astrophysics, University of Delhi, Delhi, India – **Dr. R.K. Dey**.
 14. 104th Indian Science Congress 2017, S. V. University, Tirupati – **Dr. R.K. Dey**.

Publications

1. Observational constraints on EoS parameters of emergent universe - **Bikash Chandra Paul**-Prasenjit Thakur, *Astrophys Space Sci* (2017) 362:73
2. Dissipative gravitational collapse of an (an)isotropic star - S. Das, R. Sharma, **B. C. Paul** and Rumi Deb, *Astrophys Space Sci* (2016) 361:99
3. Density dependent B parameter of relativistic stars with anisotropy in pseudo spheroidal space-time. - P.K. Chattopadhyay and **B.C. Paul**, *Astrophys Space Sci* (2016) 361:145
4. Constraints on modified Chaplyg in gas from large scale structure, **B. C. Paul**, P. Thakur and A. Beesham, *Astrophys Space Sci* (2016) 361:336
5. Critical behaviour of optical birefringence in the vicinity of nematic–isotropic and smectic A–isotropic phase transitions of the eight members of alkyloxy-cyanobiphenyls, Sudipta Kumar Sarkar, Anish Chakraborty and **Malay Kumar Das**, *Liquid Crystals*, 43(9),1268-1275(2016).
6. Measurement of splay elastic constant and rotational viscosity of an induced nematicbinary System, Sudipta Kumar Sarkar, Anamika Pramanik and **Malay Kumar Das**, *Liquid Crystals*, 43(10), 1333-1340(2016).

7. Critical behaviour of a polar-polar binary system from optical birefringence measurements, Sudipta Kumar Sarkar, Anish Chakraborty, **Malay Kumar Das**, *Liquid Crystals*, 43(1), 22-31(2016).
8. Effect of the hockey-shaped mesogen as an additive on the critical behaviour at the smectic A to nematic phase transition, *Journal of Molecular Liquids*, 219, 608–613(2016).
9. Order parameter and its critical exponent for some binary mixtures showing induced nematic phase, Sudipta Kumar Sarkar & **Malay Kumar Das**, *Phase Transitions*, 89, 910-921(2016).
10. Birefringence in the vicinity of the smectic-A to smectic-C phase transition: Crossover from XY critical to tricritical behavior, **Malay Kumar Das**, Susanta Chakraborty, Roman Dabrowski and Michał Czerwiński, *Physical Review E*, 95, 012705 (2017).
11. **P. Mali**, S.K. Manna, P.K. Haldar, **A. Mukhopadhyay**, G. Singh, Detrended analysis of shower track distribution in nucleus-nucleus interactions at CERN SPS energy, *Chaos, Solitons and Fractals* 94, 86-94 (2017).
12. **P. Mali**, **A. Mukhopadhyay**, S. K. Manna, P. K. Haldar, G. Singh, Multifractal analysis of charged particle distributions using horizontal visibility graph and sandbox algorithm, *Modern Physics Letters A* 32, 1750024 (2017).
13. S. Sarkar, **P. Mali**, **A. Mukhopadhyay**, Simulation study of elliptic flow of charged hadrons produced in Au + Au collisions at energies available at the Facility for Antiproton and Ion Research, *Physical Review C* 95,014908 (2017).
14. Kartick Ch. Dey, **Pradip Kr. Mandal**, and Roman Dabrowski, Effect of lateral fluorination in anti-ferroelectric and ferroelectric mesophases: synchrotron X-ray diffraction, dielectric spectroscopy and electro-optic study *J. Phys and Chem of Solids* 88, 41-23, 2016.
15. A.Shankar. D.P.Rai, Sandeep, H.Joshi, R.Khenata, M.P.Ghimire, R.K. Thapa, **P.K. Mandal**, Energy band structure, elastic and optical Constants of the filled skutterudite CeRu₄As₁₂. *Mat. Science in Semicon.. Processing* 46, 10-16, 2016.
16. Asim Debnath, Debashis Sinha & **Pradip Kumar Mandal**, Wide range room temperature electroclinic liquid crystal mixture with large induced tilt and very small layer contraction, *J Appl. Phys.*, 124103-1, 124103-4, 119, 2016.A.
17. A. Shankar, D.P. Rai, Sandeep, R. Khenata, R.K. Thapa, **P.K. Mandal**, Electronic structure and thermoelectricity, of filled skutterudite CeRu₄Sb₁₂, *Journal of Alloys & Compounds*, 672, 98-103, 2016.
18. Debarghya Goswami, Asim Debnath, **Pradip Kumar Mandal**, D. Węłowska, R. Dabrowski and K. Czupryński, Effect of chain length and fluorination on the dielectric and electrooptic properties of three partially fluorinated biphenyl benzoate rigid core based ferroelectric liquid crystals, *Liq. Cryst.*, 43, 1548-1559, 2016.
19. Asim Debnath and **Pradip Kumar Mandal**, Wide range room temperature ferroelectric liquid crystal mixture with microsecond order switching, *J Mol. Liquids*, 287-291, 221, 2016.
20. Asim Debnath, **P. K Mandal**, D. Węłowska and R. Dabrowski, Induction of a room temperature ferroelectric SmC* phase in binary mixtures with moderate spontaneous polarization and sub-millisecond switching time, *RSC Advances*, 6, 84369-84378, 2016.
21. **Pradip Kr. Mandal**, Kartick Ch. Dey & Roman Dabrowski, Investigation on a laterally fluorinated orthoconic antiferroelectric liquid crystal by different experimental techniques, *AIP Conf. Proc.*, 040015, 1731, 1-3, 2016.

22. D. Goswami, A. Debnath, and R. Dabrowski, **P. K. Mandal**, Maxwell Wagner and Goldstone mode , relaxations in a oligomethylene spacer based ferroelectric liquid crystal, AIP Conf Proc, 040012, 1731, 1-3, 2016.
23. A. Shankar, **P. K. Mandal**, R. K. Thapa, **X**-dependence of energy band structures and thermoelectricity of CeRu₄X₁₂, (X = P, As, Sb), J Mater Sci, 1511 -1522, 52, 2017.
24. Kartick Ch. Dey, **Pradip Kumar Mandal** and Roman Dabrowski, Effect of bias on dielectric properties of SmCA* and SmC* phases of a perfluorinate dantiferro electric liquid crystal., Materials Today: Proceedings 3, 3987–3991, 2016.
25. A. Shankar, Sandeep, D. P. Rai, R. K. Thapa, and **P. K. Mandal**, Effect of Fe-Ru doping in the electronic skutterudite Ba (Fe,Ru) 4As₁₂, J. Appl. Phys., 055103, and thermoelectric properties of new filled, 121, 1-10, 2017.
26. D. Sinha, S. Haldar and **P. K. Mandal**, Influence of fluorination and chain length on the static dielectric properties of nematogenic bi-cyclohexyl phenyl derivatives, Phase Trans.,751-761, 90, 2017.
27. Kartick Ch. Dey and **Pradip Kumar Mandal**, Formulation of a binary eutecticantiferro electric liquid crystal mixture: Comparison of dielectric and electro-optic properties with the pure compounds, J. Mol. Liquids, 484-493, 243, 2017.
28. **Rajat K Dey**, Sabyasachi Ray, and Sandip Dam, *Euro Phys. Lett.*, **115** 69002, 2016.
29. **Rajat K. Dey** and Sandip Dam, *Experimental Astronomy*, **43** 75, 2017.
30. **Rajat K Dey** and Sandip Dam, *European Physical Journal Plus*, **131** 402, 2016.
31. **Rajat K Dey**, *Int. J Adv. Res. Com Sc. Soft. Eng.* **6** 180, 2016.

Proceedings

1. **Rajat K Dey**, arXiv: 1702.01928, to appear in Springer's Proceedings in Physics (2016).
2. **Rajat K Dey**, Proc. DAE symposium on nuclear Physics, Kolkata, v.**61** 878 (2016).

Book Chapter

1. **Rajat K Dey**, S Dam, M Das and S Ray, Springer's Adv. Intel. Syst. and Comp **433** 245(2016).

DEPARTMENT OF TEA SCIENCE

1. Name of Department : Department of Tea Science
2. Date of Establishment : 1995
3. Introduction of the department :
4. Name of the Faculty : 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 (1 st & 2 nd Sem)	2	1	3
Postgraduate Diploma in Tea Management (2 nd Sem)	20	NIL	20
Postgraduate Diploma in Tea Management (1 st Sem)	14	NIL	14

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

10. Organized Seminar/conferences:

Name of the Seminar/Conference	Date of the Seminar/Conference	
Tea Link 2017	24 th march, 2017	Funded by UGC, New Delhi

11. Publication:

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

12. Research Projects (Major & Minor):

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

13. Visiting Fellow:

14. Any other information – Awarded received – None

15. Placement of the students:

Session: 2015-2016		
1	Deepak Kumar Jha	Gillanders Arbuthnot & Co. Ltd.
2	Sabya Sachi Bhadra	Gillanders Arbuthnot & Co. Ltd.
3	Marshal Biswakarma	Merry View Tea Garden
4	Biju Bage	Merry View Tea Garden
5	Gopal Pal	Terai Tea Company
6	Bishwanath Dhar	Terai Tea Company
7	Santanu Datta	Terai Tea Company
8	Jiban Das	Duncan Industries Ltd.
9	Bikash Biswakarma	Matigara Tea Estate
10	Saddam Hussain	Adhikari Tea Estate
11	Buddhadev Mishra	Bought Leaf Factory
12	Yuwa Pradhan	Orange Valley Tea Estate
13	Pujan Sunwar	Sonagachi Tea Estate
14	Sudip Paul	Pathini Tea Estate (Assam)
15	Abhijit Mandol	Merry View Tea Estate
16	Swagata Mani	TRA, Nagrakata
17	Bibek Thapa	Gayaganga Tea Estate
18	Md. Altabahmed	Vivo Skill & Training

DEPARTMENT OF ZOOLOGY

1. Name of the Department: **Zoology**
2. Date of Establishment : **1984**
3. Introduction of the Department :

The Department of Zoology, University of North Bengal was established in 1984. The Department had Six Faculty members and 8 Secretarial and Laboratory Personnel. The Department has earned high accolades with the awards of **DST-FIST** (Faculty Improvement Program) and **UGC-SAP** (Special Assistant Program), apart from independent research projects sponsored by almost all funding authorities of Government of India and Govt. of West Bengal. The Department **has identified** itself in the specialized fields of (i) Insect pest management including resistance status of **tea pests** and biopesticide development (ii) Ecology and impact of pollutants/pesticides on aquatic **biota** including fish fauna (iii) Molecular Cell Biology and Genetics in study of human health at **chromosomal** and DNA levels (iv) Studies on Ornamental Fishes and Integrated. Fish Farming in the hills of **Darjeeling** and plains of North Bengal. Further field extension programmes have been executed in the field of Aquaculture and a Centre named "Fisheries and Training Centre" has been established. The Department has produced more than fifty Ph.D. Scholars, most of these have been placed in responsible positions in teaching, research, corporate and governmental services.

The Faculty Members have been honoured by various awards such as FNASC, FZSEI, FZS(Calcutta), DBT National Associateships, Overseas Associateship, INSA Exchange collaborateship State honours for book writing Members of different Academic Boards and so on. Scientific contributions of the Faculty Members in terms of project investigation and publication have attained an enviable position. Central and State funded projects have been bagged by the Department from various authorities, such as UGC, CSIR, DST, DBT, DoE &F, NTRF, ICMR, State DST, State DBT and State Department of Fisheries. The Department has published numerous papers in **Foreign** and National Peer-Reviewed Journals having high Impact factor in some of them.

Department of Zoology is proud of having today a sophisticated laboratory marked with almost all precision instruments for conducting advance research like, Phase Contrast Microscope, Magnetic Cell Sorter, PCR, Gel doc, Micro Plate reader, UV Spectrophotometer, HPLC, Ultra Centrifuge and GC-MS.

4. Name of the Faculty:

Professor Associate

Prof. A. Mukhopadhyay
Prof Sudip Barat
Prof. T. K. Chaudhuri

Professor

Dr. M. Bahadur
Dr. S. Bhattacharjee

Assistant Professor

Dr. D. Saha
Mr. T. Saha

5. Name of the Research Scholars: (2016-2017)

S.No	Name
1.	Benoy Kishore Rai
2.	Dawa Bhutia
3.	Rujas Yonle
4.	Ritesh Biswa
5.	Sangita Khewa Subba

6.	Pokhraj Guha
7.	Gautam Debnath
8.	Ganesh Bahadur Thapa
9.	Rakesh Prasad Bhagat
10.	Subhrojyoti Roy
11.	Tapan Sarkar
12.	Arpita Dey

6. Name of the Project Scholars:

S.No	Name	Remarks
1.	Anjali Kumari Prasad	NTRF Fellow
2.	Priyanka Dey	ICMR Fellow
3.	Uttara Dey Bhowmick	UGC BSR Fellow
4.	Ruksa Nur	MANJR Fellow
5.	Sutanuka Chattaraj	UGC BSR Fellow
6.	Tanmoy Mukhopadhyay	UGC BSR Fellow
7.	Kumar Basnet	UGC BSR Fellow
8.	Sanjib Sarkar	UGC BSR Fellow
9.	Minu Bharti	CSIR-UGC JRF
10.	Bappaditya Ghosh	UGC BSR Fellow
11.	Subhashis Paul	UGC BSR Fellow
12.	Tanmoy Dutta	UGC BSR Fellow
13.	Somit Dutta	UGC BSR Fellow
14.	Avishek Das	UGC BSR Fellow
15.	Trisita Mazumdar	UGC BSR Fellow
17.	Swati Singh	WB-DBT (Project Asst)

7. Name of the Non-teaching Staff: (2016-2017)

Name	Designation
Mr. Subrata Ghosh	Sr. Assistant
Mr. Samiran Ch. Debnath	Lab Attendant
Mr. Samarendra Nath Ghosh	Lab Bearer
Mr. Sudam Das	Peon (Casual)

8. Student Strength

Semester	Male	Female	Total	Year
2 nd Sem	14	16	30	(2016-2017)
4 th Sem	16	16	32	(2016-2017)

9. Seminar/Conferences attended:[Outside the Country & Within the Country (2016-2017)]

Name of the teacher	Name of the Seminar/Conference	Venue and Date	Title of the paper presented
Prof. Ananda Mukhopadhyay	Nil		
Prof. T.K. Choudhuri	Nil		
Prof. Sudip	Attended and participated as a	Barrackpore from	

Barat	National Advisory Committee Member in the "29 th All India Congress in Zoology" and International Symposium on "Culture Based Fisheries in Inland Open Waters" and Satellite Symposium on "Fish Immunology" organized by Inland Fisheries Society, Barrackpore in collaboration with Zoological Society of India, Body Gaya and CIFRI-ICAR.	June 9-11, 2017.	
Dr. Min Bahadur	Nil		
Dr. Soumen Bhattacharjee	Refresher Course in Life Science	UGC Human Resource Development Centre, NBU. August 30 th , 2016	Biodiversity: Concept and Measurements.
	ZooCon2017	Department of Zoology, University of North Bengal, West Bengal, India. February 11 th to 12 th 2017.	Genetic characterization and assessment of population structure of <i>Bariliusbarna</i> (Hamilton, 1822) in the Teesta river of sub-Himalayan Dooars region of West Bengal through RAPD, ISSR and MtCOI sequence analyses.
	ZooCon2017	Department of Zoology, University of North Bengal, West Bengal, India. February 11 th to 12 th 2017.	Investigation of pharmacological efficacy of methanolic extract of <i>Acmella uliginosa</i> (sw.) Cass. Flower with respect to pain sensation, learning behaviour and neuro-motor co-ordination in experimental Wistar albino rats.

	ZooCon2017	Department of Zoology, University of North Bengal, West Bengal, India. February 11 th to 12 th 2017.	Effects of long term pesticide exposure on blood Cholinesterase and Glutathione S-transferase (GST) activities in tea garden workers of Terai region of sub-Himalayan West Bengal.
Dr. Dhiraj Saha	<i>First Regional State Science & Technology Congress (Jalpaiguri Division)</i>	Ananda Chandra College, Jalpaiguri 7 th – 8 th November, 2016	Biochemical and genetic variability of <i>Scirtothrips dorsalis</i> Hood (Thysanoptera: Thripidae): an important sucking insect pest of tea from different tea plantations of sub-Himalayan West Bengal, India
	<i>Zoocon 2017: Animal sciences in 21st century</i>	University of North Bengal, Siliguri, West Bengal February 11 th to 12 th 2017	-
	<i>First Regional State Science & Technology Congress (Jalpaiguri Division)</i>	Ananda Chandra College, Jalpaiguri 7 th – 8 th November, 2016	Variation of major insecticide detoxifying enzymes' activity among different <i>Aedesalbopictus</i> L. populations from three districts of sub-Himalayan West Bengal, India
	<i>First Regional State Science & Technology Congress (Jalpaiguri Division)</i>	Ananda Chandra College, Jalpaiguri 7 th – 8 th November, 2016	Larvicidal activities of <i>Piper nigrum</i> L. (Piperaceae) leaf extracts against <i>Culexquinquefasciatus</i> Say (Diptera: Culicidae) from sub Himalayan West Bengal, India
	<i>First Regional State Science & Technology Congress (Jalpaiguri Division)</i>	Ananda Chandra College, Jalpaiguri 7 th – 8 th November, 2016	Activity of three major insecticide detoxification enzymes in field population of <i>Culexquinquefasciatus</i> say from Darjeeling District, West Bengal, India
	<i>Zoocon 2017: Animal sciences in</i>	University of North	Insecticide susceptibility

	<i>21st century</i>	Bengal, Siliguri, West Bengal February 11 th to 12 th 2017	status and major detoxifying enzymes activity in <i>Aedesalbopictus</i> (Skuse), vector of dengue and chikungunya in northern part of West Bengal, India
	<i>Zoocon 2017: Animal sciences in 21st century</i>	University of North Bengal, Siliguri, West Bengal February 11 th to 12 th 2017	Major insecticide detoxifying enzymes activity in field populations of <i>Culexquinquefasciatus</i> (Say), vector of lymphatic filariasis from Darjeeling district of West Bengal, India.
	<i>Zoocon 2017: Animal sciences in 21st century</i>	University of North Bengal, Siliguri, West Bengal February 11 th to 12 th 2017	Activities of Piper nigrum L. (Piperaceae) leaf extraxts against different larval stages of <i>Culexquinquefasciatus</i> Say (Diptera: Culicidae) from sub-himalayan West Bengal, India.
	<i>Zoocon 2017: Animal sciences in 21st century</i>	University of North Bengal, Siliguri, West Bengal February 11 th to 12 th 2017	Exploration of natural enemies in managing tea pests in North Eastern India.
	<i>24th West Bengal State Science and Technology Congress, 2017</i>	Sciencce city, Kolkata 28 th Feb- 1 st March 2017	Variation of major insecticide detoxifying enzymes' activity among different <i>Aedesalbopictus</i> L. populations from three districts of sub- Himalayan West Bengal, India
	<i>24th West Bengal State Science and Technology Congress, 2017</i>	Science city, Kolkata 28 th Feb- 1 st March 2017	Larvicidal activities of Piper nigrum L. (Piperaceae) leaf extracts against <i>Culexquinquefasciatus</i> Say (Diptera: Culicidac) from sub Himalayan West Bengal, India
Mr. Tilak Saha	First Regional State Science and Technology Congress (Jalpaiguri	Ananda Chandra College, Jalpaiguri	Tissue reorganization during regeneration in

Division)	August 30 th , 2016	<i>Eiseniafetida</i>
ZooCon2017: Animal Sciences in 21 st Century	Department of Zoology, University of North Bengal, West Bengal, India. February 11 th to 12 th 2017	Bacterial competition in the coelomic space of <i>Eiseniafetida</i>
24 th State Science and Technology Congress	Science City, Kolkata 28 th February- 1 st March, 2017	Tissue reorganization during regeneration in <i>Eiseniafetida</i>
National seminar on: Recent Trends in Life Sciences	Department of Zoology, Raiganj University, West Bengal, India. March 26 th , 2017	Opsonization activity of amoebocytes of <i>Eiseniafetida</i> is increased by exposure to <i>Bacillus thuringiensis</i>

10. Organized Seminar/ Conference

Name of the Seminar/ Conference	Date of the Seminar/ Conference	Organized by
One Day Farmers' Meet and Workshop on "Fish Health Management and Sustainable Aquaculture" was organized by Fisheries Research & Training Centre, Department of Zoology, University of North Bengal. In the above Workshop, there were 32 Men and Women Participants (Beneficiaries) from the districts of Darjeeling and Jalpaiguri. A hand in training was given by the Resource Persons and Department Research Scholars.	06 March, 2017	Prof. S. Barat (Convenor), Dr. M. Bahdur, Dr. S. Bhattacharjee, Dr. D. Saha, Mr. T. Saha, Dr. S. Mukherjee, Dr. R. Mondal
National Conference "ZooCon 2017: Animal Science in 21 st Century"	February 11-12, 2017	Dr. S. Bhattacharjee and Dr. Dhiraj Saha (Jt. Organizing Secretaries), Dr. Min Bahadur, Dr. S. Bhattacharjee, Mr. T. Saha (Treasurer) Department of Zoology, N.B.U

11. Publications:

Name of the Author(s)	Name of the Book / Journal/volume	Year of publication
Prof Ananda Mukhopadhyay	<i>Journal of Asia-Pacific Entomology</i> . 19: 167-172.	2016
	<i>Applied Microbiology and Biotechnology</i> , 100: 4831-4844.	2016
	<i>Journal of Integrative Agriculture</i> 2017, 16(10): 2115-2127.	2017
	Phytoparasitica DOI 10.1007/s12600-017-0603-0	2017

	<i>Acarologia</i> 57(3): 581–590	2017
	Applied Microbiology and Biotechnology, 100: 4831-4844.	2016
Prof. T. K. Chaudhuri	<i>Plos One</i> 2016. 11(3): e0150574	2016
	<i>Journal of Food Biochemistry</i> .2016. 40:630-635	2016
	<i>Journal of Genetic Engineering and Biotechnology</i> . 2016. 14:241-45.	2016
	<i>International Journal of Pharmacy and Pharmaceutical Sciences Sci</i> . 2016. 8:11, 180-185.	2016.
	<i>BMC Complementary and Alternative Medicine</i> . 2016. 16:280.	2016.
	<i>Journal of Functional Foods</i> . 2016. 23 (5):315-328.	2016.
	<i>BAOJ Allergy & Immunology</i> . 2016.2 (2): 1-8.	2016.
	<i>Indian Journal of Experimental Biology</i> . 2016.54: 115-125.	2016.
	<i>The Journal of Basic and Clinical Physiology and Pharmacology</i> 2016. 27(5): 547–555.	2016.
	<i>Symbiosis</i> 2016. 70:159.	2016.
	<i>Archives of Biological Sciences</i> 2016. 68(3): 515-531.	2016.
	<i>Pharmaceutical Biology</i> 2016. 54(8):1474-82.	2016
	Prof.(Dr.) Sudip Barat	<i>International Journal of Pure & Applied Bioscience</i> , 4(2): 9-16.
<i>International Journal of Pure & Applied Bioscience</i> , 4(3): 144-153.		2016.
<i>International Journal of Research in Fisheries and Aquaculture</i> , 6(2): 26-31.		2016.
<i>International Journal of Fisheries and Aquatic Studies</i> , 4(1): 209-213		2016.
<i>International Journal of Fisheries and Aquatic Studies</i> , 4(5): 354-358.		2016.
<i>Journal of Biodiversity and Environmental Sciences (JBES)</i> , 9(6): 69-77.		2016.
<i>International Journal of Fisheries and Aquatic Studies</i> , 5(1): 149-156.		2017.
Dr. Min Bahadur	<i>Toxicology Mechanisms and Methods</i> , Volume 26, 2016 - Issue 8	2016
Dr. Soumen Bhattacharjee	<i>Indian Journal of Traditional Knowledge</i>	January, 2017
	<i>Pollution Research</i>	February, 2017
	<i>Proceedings of the Zoological Society</i> .	November, 2016 (Online)
	<i>Canadian Journal of Microbiology</i>	October, 2016
	<i>Journal of Entomology and Zoology Studies</i>	August, 2016
	<i>Journal of Entomology and Zoology Studies</i>	July, 2016
	<i>Research India Publication, New Delhi</i>	October, 2016
	<i>Journal of Intercultural Ethnopharmacology</i>	May, 2016
	<i>International Journal of Aquaculture</i>	April, 2016

Dr. Dhiraj Saha	Proceedings of Zoological Society, DOI: 10.1007/s12595-016-0193-8	2016
	Acta Tropica, 170 (2017) 112–119	2017
Mr. Tilak Saha	Scientific report, An746412.	2017
	NBU Journal of Animal Sciences (UGC Recognised) ISSN: 0975-1424. Pp.1079-88.	2016

12. Research Projects (Major & Minor):

Major Research Project			
Name of the teacher	Title of the Scheme Project	Sanctioned Authority	
Prof. Ananda Mukhopadhyay	NIL		
Prof. T.K. Choudhuri	NIL		
Prof.(Dr.) Sudip Barat	Formulation of Probiotics for Major and Minor Carps. Total grant sanctioned: Rs.18, 83, 200/- for 3 years.	Department of Biotechnology, Govt. of West Bengal.	Period: 2014-2018
Dr. Min Bahadur	Pesticide residue analyses of river water flowing through the tea gardens of Terai region of North Bengal and in the tissues of the riverine fishes with a special emphasis on molecular characterization and phylogenetic analyses of Cytochrome P450 involved in pesticide metabolism PI : Dr. Min Bahadur Co-PI : Dr. Joydeb Pal Co-PI : Dr. Soumen Bhattacharjee	WB-DBT (Sanction no. 241/Sanc)-BT (Estt.) RD-19/13 dated 04.03.2014)	Period: 2014-2017 Total fund: Rs.42,55,200.00
Dr. Soumen Bhattacharjee	Pesticide residue analyses of river water flowing through the tea gardens of Terai region of North Bengal and in the tissues of the riverine fishes with a special emphasis on molecular characterization and phylogenetic analyses of Cytochrome P450 involved in pesticide metabolism. [Major]	West Bengal Department of Biotechnology (Co-PI)	Period: 2014-2017
Mr. Dhiraj Saha	NIL		
Mr. Tilak Saha	NIL		
Minor Research Project			
Name of the teacher	Title of the Scheme Project	Sanctioned Authority	
Prof. Ananda Mukhopadhyay	Nil		
Prof. T.K.	Nil		

Choudhuri			
Prof.(Dr.) Sudip Barat	Nil		
Dr. Min Bahadur	Nil		
Dr. Soumen Bhattacharjee	Nil		
Mr. Dhiraj Saha	Nil		
Mr. Tilak Saha	Nil		

13. **Visiting Fellow: NIL**

Name of the Visiting Fellow	Duration	

14. **Any other information (Award received): NIL**

**ARTS, COMMERCE
&
LAW**

100

DEPARTMENT OF BENGALI

1. Name of the Department : Bengali

2. Date of Establishment : 1965

3. Introduction of the Department :

The Department of Bengali commenced its journey from 8th February 1965, three years after the establishment of the University of North Bengal. The basic objectives were the promotion of Vernacular education, systematic and scholarly study of Bengali literature and language and regional languages & literature as well. In its long journey of last 51 years, it has most commendably performed its duties and successfully fulfilled its purpose. At the outset the Department was started with two teachers and thirteen students in its present location. Over the years, the number of Student, Research Scholar and Teacher have increased. It is now running with ninety three students in each part and six teachers. It has firmly established its worth in teaching and research in the field of Bengali language and literature.

4. Name of the Faculty :

Professor : 4 Associate Professor : NIL Assistant Professor : 2

Sl.No.	Name	Designation
1.	Dr. Subodh Kumar Jash	Professor
2.	Dr. Manjula Bera	Professor
3.	Dr. Nikhil Chandra Ray	Professor
4.	Dr. Dipak Kumar Roy	Assistant Professor
5.	Dr. Utpal Mandal	Professor
6.	Dr. Tapan Mandal	Assistant Professor

5. Name of the Research Scholars : 40 Nos

6. Name of the Project Scholars : NIL

7. Name of the Non-Teaching Staff :

Sl. No.	Name	Designation
1.	Rajiv Goswami	Senior Assistant.
2.	Ramesh Chandra Singha	Jr. Peon

8. Students Strength :

Students	Male	Female	Total
Session 2015-16			
Part - I			
1 st Sem.			
2 nd Sem.	33	60	93
Part - II			
3 rd Sem.			
4 th Sem.	27	64	91

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. Subodh Kumar Jash	1. Attended UGC Sponsored International Seminar on 1-3 March, 2017 on “ Bangla Upanyas : Sardha-Satabarsha Pare Fire Dekha ”	Department of Bengali, University of North Bengal 1-3 March, 2017	
Prof. Manjula Bera	<p>1. Attended & organized the UGC Sponsored International Seminar on 1-3 March, 2017 on “Bangla Upanyas : Sardha-Satabarsha Pare Fire Dekha”</p> <p>2. A Lecture delivered on 16th August, 2016 as a Resource Person in the UGC Sponsored Refresher Course in Women’s Studies (Inter Disciplinary) of The Centre for Women’s Studies, North Bengal University held from 3rd August to 23rd August, 2016 on the Theme “Women in Literature & Society” organised by the UGC Human Resource Development Centre (Erstwhile UGC Academic Staff College), University of North Bengal.</p> <p>3. A Lecture delivered on 16th September 2016 as a Key Resource Person in the UGC sponsored Two Day National Seminar entitled “Pratibader O Pratibadi Kabita : Prekshit Hajar Bachharer Bangla Kabita” held on 15-16 September, 2016 at Sreegopal Banerjee College organized by the Sreegopal Banerjee College, Bagati, Magra, Hoogly, in collaboration with Prasantachandra Mahalanabish Mahavidyalaya, Banhoogly, Kolkata, West Bengal.</p>	<p>1. Department of Bengali, University of North Bengal on 1-3 March, 2017</p> <p>2. UGC Human Resource Development Centre (Erstwhile UGC Academic Staff College), University of North Bengal on 16th August, 2016</p> <p>3. Sreegopal Banerjee College, Bagati, Magra, Hoogly, in collaboration with Prasantachandra Mahalanabish Mahavidyalaya, Banhoogly, Kolkata, West Bengal on 16th September 2016</p>	<p>1. Director</p> <p>2. Bastaber Nari Sahityer Bastabatay</p> <p>3. Madhyayuger Banla Kabye Pratibader Rup O Pratibadi Charitra</p>

	<p>4. A Lecture delivered on 20th September, 2016 as a Resource Person in the Short Term Course on Translation Theory & Assamese Translated Literature during September 15 – 21, 2016 in the HRDC premises organised by the UGC Human Resource Development Centre (Erstwhile UGC Academic Staff College), University of North Bengal.</p> <p>5. A Lecture delivered as a Key Resource Person on 28th September 2016 in the State Level Seminar entitled “Premchandra Aur Saratchandra-er Yugachetana” held on 28-09-2016 at Joygan Mahavidyalaya, Joygan organized by the Joygan Mahavidyalaya, Joygan, Jalpaiguri, West Bengal.</p> <p>6. A Lecture delivered on 8rd August 2016 as a Resource Person in the UGC Sponsored Orientation Programme of North Bengal University held from July, 27 to August, 24, 2016 organised by the UGC Human Resource Development Centre (Erstwhile UGC Academic Staff College), University of North Bengal.</p> <p>7. A Lecture delivered on 2nd August, 2016 as a Resource Person in the UGC Sponsored Refresher Course on ‘Bangla Sahitye Janbahan’ in the Department of Bengali, University of Burdwan held from July, 29 to August 18, 2016 organised by the UGC Academic Staff College, University of Burdwan, West Bengal.</p> <p>8. A Lecture delivered on 2nd</p>	<p>4. UGC Human Resource Development Centre (Erstwhile UGC Academic Staff College), University of North Bengal on 20th September, 2016</p> <p>5. Joygan Mahavidyalaya, Joygan, Jalpaiguri, West Bengal on 28th September 2016.</p> <p>6. UGC Human Resource Development Centre (Erstwhile UGC Academic Staff College), University of North Bengal on 8th August 2016</p> <p>7. UGC Academic Staff College, University of Burdwan, West Bengal on 2nd August, 2016.</p> <p>8. UGC Academic</p>	<p>4. Bhasha Sahityer Anubader Rup O Prakriti</p> <p>5. Premchandra O Saratchandra : Yugachetana Nirikhe</p> <p>6. Unish Sataker Praramve Bangla Bhasha O Sahitya Charchar Gati Prakriti</p> <p>7. Unish Sataker Prathamardher Banla Sahitye Janbahanar Parichay O Gurutwa</p> <p>8. Janajivane</p>
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<p>August, 2016 as a Resource Person in the UGC Sponsored Refresher Course on 'Bangla Sahitye Janbahan' in the Department of Bengali, University of Burdwan held from July, 29 to August 18, 2016 organised by the UGC Academic Staff College, University of Burdwan, West Bengal.</p> <p>9. A Lecture delivered as a Key Resource Person on 3rd December 2016 in the State Level Seminar entitled "Mahasweta Devir Sahityakriti O Jivanbhabna" held on 03-12-2016 at Naxalbari College, Naxalbari, Darjeeling organized by Naxalbari College, Naxalbari Darjeeling, West Bengal.</p> <p>10. A Discussion on 21st February in the International Mother Language Day observed by C C N Binodan, Siliguri Doordarshan, Siliguri, Darjeeling on 21st February, 2017.</p> <p>11. A Lecture delivered on 8th March, 2017 on International Women's Day observed by the Centre for Women's Studies, University of North Bengal.</p> <p>12. A Lecture delivered as a Key Resource Person on 20th February 2017 in the State Level Seminar entitled "Satabarshe Kathasahityik Narendranath Mitra" held on 20-02-2017 at Siliguri College, Siliguri, Darjeeling organized by Siliguri College, Siliguri, Darjeeling, West Bengal.</p> <p>13. Attended Ramkamal Singha Smarak Baktrita on "Tarashankarer "Gramer Tithi" lecture delivered by Sri</p>	<p>Staff College, University of Burdwan, West Bengal on 2nd August, 2016</p> <p>9. Naxalbari College, Naxalbari Darjeeling, West Bengal on 3rd December, 2016.</p> <p>10. C C N Binodan, Siliguri Doordarshan, Siliguri, Darjeeling on 21st February, 2017.</p> <p>11. Seminar Hall, Humanities Building University of North Bengal on 3rd March 2017</p> <p>12. Siliguri College, Siliguri, Darjeeling, West Bengal on 20th February 2017</p> <p>13. Sabhakaksha of Bangiya Sahitya Parishad on 11th March 2017</p>	<p>Janbahaner Bhumika : Prekshit Unish Sataker Twitiyardher Banla Sahitya</p> <p>9. Mahasweta Kathasahityelekhik ar Jivandristi O Samajbhabnar Swarup Anweshan.</p> <p>10. 21st February-er Oitihasic Prekshapat O Aajker Prasangikatay Matribhasa</p> <p>11. Aantarjatik Nari Aandolan O Aajker Prasangikata.</p> <p>12. Narendranathm itrer Upanyas O Chhotogalpe Naranarir Samparker Swarup Anweshan.</p>
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	Abhra Ghosh at Sabhakaksha of Bangiya Sahitya Parishad on 11 th March 2017 organised by Bangiya Sahitya Parishad, 243/1, A.P. C. Road, Kolkata- 700006. 14. A lecture delivered on 11 th December 2016 in the Seminar entitled 'Little Magazine Aandolanerpurodha 5ti Patrika 'Sabujpatra', Parichay', 'Ekshkan', 'Kabita', 'Nandan' O tar Smaraniya Sampadakbrinda ' organized by the Editor of 'Uttardwani' Patrika at the Savakaskha, Siliguri Mahakuma Parishad.	14. Savakaskha, Siliguri Mahakuma Parishad on 11 th December 2016	14 'Sabujpatra' Patrika O Pramatha Chowdhury
Dr. Nikhil Chandra Ray	1. Attended UGC Sponsored International Seminar on 1-3 March, 2017 on "Bangla Upanyas : Sardha-Satabarsha Pare Fire Dekha"	Department of Bengali, University of North Bengal 1-3 March, 2017	
Dr. Dipak Kumar Roy			
Dr. Utpal Mandal	1. Attended UGC Sponsored International Seminar on 1-3 March, 2017 on "Bangla Upanyas : Sardha-Satabarsha Pare Fire Dekha"	Department of Bengali, University of North Bengal 1-3 March, 2017	

10. Organized Seminar/Conference:

Name of the Seminar/ Conference	Date of the Seminar/ Conference	
1. A Lecture delivered by Prof. Amitrasudan Bhattacharya, Ex-Professor, Visva-Bharati, Santiniketan on 'Rabindra Sahityer Pandulipi O Prakasanar Vinnatar Baichitra' on 25se Baishakh, 1423 (8 th May, 2016), Rabindra Janma-Jayanti	1. 8 th May 2016, (25 se Baishakh, 1423)	
2. "22she Sravan Smarak Bakttrita" delivered by Prof. Somendra Nath Bandyopadhyay on "Rabindra-Chitrakala O Rabindra-Sahitya"	2. 15 th September, 2016	
3. UGC Sponsored International Seminar on 1-3 March, 2017 on "Bangla Upanyas : Sardha-Satabarsha Pare Fire Dekha"	3. 1-3 March, 2017	
4. 21se February, International Mother	4. 21st February, 2017	

Language Day observed with many types of programme like Pravat Feri, Lectures, Drama, Giti-Aalekhya, Recitation.		
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11. Publication :

Name of the Author	Name of the Book/Journal/Volume	Year of Publication
Prof. Subodh Kumar Jash		
Prof. Manjula Bera		
	1. Doulat Kajir Lorchandrani O Satimayna : Parjalochana O Mulyayan published from Bangiya Sahitya Sansad, 11A, Bankim Chatterjee Street, Kolkata – 73 (Book)	2016
	2. Baishnav Padabliir Bhasasaili (2nd edition) published from Bangiya Sahitya Sansad, 11A, Bankim Chatterjee Street, Kolkata – 73 (Book)	2017
	3. Kabi Manik Datter Chandimangaler Bayonsilpa published in ‘Shruti’ Patrika, edited by Dr. Tapas Adhikary from Ishlampur, Uttar Dinajpur, (Article)	2016
	4. Jamidar Rabindranath : Sristi O Karmer Bandhane published in Sandhitsu (Literary Patrika), Sri Aravinda Bhavan, 8, Sakespeare Sarani, Kolkata.-700071 Bangla. (Article)	2017
Prof. Utpal Mandal		
	9. BANGLA PROBANDHA PATH O BISLESHON (Jointly Edited), published from GRANTHOTIRTTHO (Book)	2016

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 :

Name of the Visiting Fellow	Duration	
NIL		

14. Any other information (Award Received) :

DEPARTMENT OF COMMERCE

PROFILE 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.

Courses offered:

(A) **Masters in Commerce** degree with dual specializations in

- a. Accounting
- b. Finance
- c. Human Resource Management
- d. Marketing Management,
- e. 'Banking and Finance'

(B) **Ph.D in Commerce** in the areas of Accounting Finance Human Resource Management, Marketing Management, 'Banking and Finance', Taxation, Microfinance, Tourism, Industrial Relation, Capital Markets and allied areas.

Faculty

Serial No.	Names of the Teachers	Academic Qualification	Designation	Joining Date
1.	Prof. Palas R. Sengupta	M. Com., LLB., Ph.D., D.Litt.	Professor	26.3.82
2.	Prof. Samirendra Nath Dhar	M.Com, Ph.D., M.B.A. (Finance)	Professor	12.3.86
6.	Prof. Indrajit Ray	M.A. (Econ), Ph.D.	Professor	27.9.88
7.	Prof. Dipen Roy	M.Com, M.B.A., Ph.D.	Professor	01.9.95
8.	Prof. Debabrata Mitra	M.Com., Ph.D.	Professor	8.12.95
9.	Prof. HIRAK Ray	M.Com., Ph.D.	Professor	15.12.95
	Dr. Debasis Bhattacharya	M. Com., Ph.D., M.B.A. (Marketing)	Associate Professor	9.5.85
10.	Joy Sarkar	M.Com.	Assistant Professor	24.5.06

Teaching Learning Process

List of teaching methods adopted for different programmes during the year 2016-17

- Lecture and demonstration by faculty
- Class discussion conducted by faculty
- Lecture-demonstration by guest speakers from special fields
- Audio- visual methods

Case studies

Assignments

Practical classes for computer courses

The faculty members of the department have adopted different alternative methods such as case-study, assignment writing and practical classes for laboratory based subject like Computer Application in Business and E-commerce. Along with class-room teaching class tests are taken to examine their level of understanding and point out the difficulties faced by the students in understanding the courses. Industrial visit is part of curriculum. Continuing Evaluation consisting of 25% marks. Viva-voce, assignment writing, class tests, etc. are compulsory. Tutorial classes and Soft- Skill Development Classes are conducted.

Student Strength: M.Com 1st Semester 71, 2nd Semester 60,
3rd Semester 48, 4th Semester 40

Ph.D Course Work 2016 7, 2017 6

Journal published by the Department

Department of Commerce published the departmental the fourth volume of “Anweshan” (ISSN: 2321-0370) in March 2016. It is a referred journal with the review process being blind. The scope of the journal encompasses all areas of Commerce and Management including accounting, auditing, taxation, corporate governance, finance, capital markets, taxation, HRM, marketing management, operations research, insurance, financial economics, industrial relations, banking and other allied areas. The journal seeks to publish high quality research oriented original articles.

Publications by Faculty and Participation of Faculty in Conferences, Seminars and Special Lectures

Prof. Samirendra Nath Dhar

Publications

1. ‘Business Correspondent Agents of Banks in Rural Financial Inclusion: An Investigation in Sikkim after Demonetisation In India.’ (co-author P. Jaiswal) in *Regional Rural Banks in India – Challenges and Prospects*, Delta Book World , New Delhi, ISBN 978-93-85719-03-5, 2017
2. ‘Cost and Profitability aspects of Floriculture – A study on Gerbera Cultivation by Self- Help Groups’,(co-author. P. Tarfdar), *The Management Accountant*, June 2017, ISSN 0972-3528.
3. ‘An Empirical Investigation into Taxpayers Perceptions and Adoption Intentions of E- Filing in India (co-authors P. Dhar and D.P. Chettri), under review, *International Journal of Research in Computer Applications and Management*, November 2017, ISSN 22311009, (Double-Blind Peer Reviewed (Refereed/Juried) Open Access International e-Journal - Included in the *International Serial Directories, Indexed & Listed at: Ulrich's Periodicals Directory ©, ProQuest, U.S.A., EBSCO Publishing, U.S.A., Cabell's Directories of Publishing Opportunities, U.S.A., Open J-Gate, India [link of the same is duly available at Inflibnet of University Grants Commission (U.G.C.)], Index Copernicus Publishers Panel,*
4. The Raison D'être for Intake- Enrolment Gaps in Engineering Colleges :- An Investigation Through Servqual Analysis (coauthor P. Dhar), *International Journal Of Engineering and Management Research* , Vol-6 Issue-4 of July-August 2016 ISSN 2250-0758 and ISSN (Print): 2394-6962, (blind reviewed and indexed at Ulrich Periodicals Directory USA , Cabell's Directory

of Publishing Opportunities, USA ,Science Directory, Directory of Research Journal Indexing and Infobase) (Impact Factor 3.96)

5. Business Correspondents as Catalysts of Financial Inclusion- Empirical Evidences from North Bengal, (coauthor S. Sarkar), *International Journal of Banking Risk and Insurance* , Vol 4 (1), March 2016, ISSN 2320-7507.

Seminar, Conferences and Special Lectures

1. Chaired Technical session on Changing Perspectives in the Domain of Management Education and its application on Society in International Conference on Recent Innovation in Management, Accounting, Business and Entrepreneurship organized by Department of Management, North Bengal University , 22-24 Nov 2017.
2. Chaired Technical Session on Accounting, Finance and Banking in National Conference on Mangement organized by Siliguri Institute of Technology, 11 Nov 2017
3. Chaired Technical session H – Microfinance and Financial Inclusion” in the Thirteenth International Accounting Conference organized by Indian Accounting Association Research Foundation and Deloitte on January 7th and 8th 2017.
4. Delivered a lecture on Green Accounting as invited Resource Person in the UGC sponsored National Seminar on “Green Accounting and Sustainability” organized by Shree Agrasen Mahavidyalya, Dalkhola , held on 24th and 25th February 2017.
5. Presented a paper titled “Electronic Tax Filing Perceptions and Adoption Intentions in India- An Empirical Investigation”, jointly with D.P. Chettri in the Thirteenth International Accounting Conference organized by Indian Accounting Association Research Foundation and Deloitte on January 7th and 8th 2017.
6. Delivered the “Prof. Arun Kumar Basu Memorial lecture” at University of Gour Banga, Malda on 6th December 2016.
7. Chaired a technical session and delivered a lecture on Financial Literacy in the UGC sponsored National Seminar on “Financial Markets, Financial Literacy and Micro Finance” organized by Umesh Chandra College, Kolkata and Indian Accounting Association , held on 2nd and 3rd December 2016.
8. Chaired a technical session and delivered Plenary lecture in NAAC Sponsored National Seminar On Achieving “Quality” In Higher Education: Constraints, Complexities And Challenges, organized by St. Josephs College, North Point, Darjeeling, 25th -27th June, 2016.
9. Chaired a technical session in International Conference on Contemporary Issues of Business Research organised by HEQEP Sub-Project CP no 3068, Faculty of Business Studies, Begum Rokeya University, Rangpur, Bangladesh on 4th June 2016.
10. Chaired a technical session in UGC sponsored National Seminar on ‘Regional Imbalances and Sustainable Development in India with Special Reference to North Eastern Region’ organised by Siliguri College of Commerce on February 20 – 21, 2016.
11. Counseling for Financial Literacy delivered at the Refresher Course (Need Based) in Counseling (ID) in Human Resource Development Centre, University of North Bengal on 10th February 2016. (two sessions)
12. ‘Financial Literacy and Empowerment of People at The Bottom of The Pyramid’ delivered at the Refresher Course in Sociology (ID) under theme ‘Indian Society in the Era of Globalisation’ in

- Human Resource Development Centre, University of North Bengal on 22nd February 2016. (two sessions)
13. Financial Planning and Management for Teachers' delivered at the 25th Orientation Programme in Human Resource Development Centre, University of North Bengal on 25th February 2016. (two sessions)
 14. 'Time Planning Strategies for Teachers' delivered at the 25th Orientation Programme in Human Resource Development Centre, University of North Bengal on 26th February 2016. (two sessions)
 15. 'Theory of Constraints in respect of Time' delivered at the 27th Orientation Programme in Human Resource Development Centre, University of North Bengal on 2nd August 2016. (two sessions)
 16. 'Financial Exclusion – Global and Gender Perspectives' delivered at the Refresher Course in Women Studies (ID) in Human Resource Development Centre, University of North Bengal on 12th August 2016. (two sessions)
 17. 'Work Life Balance and Time Management' delivered at the 28th Orientation Programme in Human Resource Development Centre, University of North Bengal on 29th August 2017. (two sessions)
 18. "Attitude Measurement in Survey Research" delivered at the Short Term Course on Statistical Computing Techniques for Quantitative and Qualitative data in Human Resource Development Centre, University of North Bengal on 14th December 2016. (two sessions)
 19. "Measurement and Scaling Techniques for Research in Social Sciences" delivered at the 2nd Refresher Course in Research Methodology held in Human Resource Development Centre, University of Burdwan on 10th March 2017. (two sessions)
 20. "Survey Research Methods" delivered at the Refresher Course in Research Methodology in Social Sciences in Human Resource Development Centre, University of North Bengal on 18th March 2017 (two sessions)
 21. 'Work Life Balance for Academicians' delivered at the 30th Orientation Programme in Human Resource Development Centre, University of North Bengal on 7th June 2017. (two sessions)
 22. "Methods in Survey Research" delivered at the Short Term Course in Research Methodology in Human Resource Development Centre, University of North Bengal on 13th March 2017 .
 23. "Planning for priorities in Academic Careers" delivered at the 107th Orientation Programme held in Human Resource Development Centre, University of Burdwan on 4th August 2017. (two sessions)
 24. 'Overcoming Constraints in Management of Time for Academicians' delivered at the 31st Orientation Programme in Human Resource Development Centre, University of North Bengal on 7th August 2017. (two sessions)
 25. 'Financial Education – Systems and Policy Implications' delivered at the 31st Orientation Programme in Human Resource Development Centre, University of North Bengal on 25th August 2017. (two sessions)
 26. 'Managing priorities in Time Constraint situations' delivered at the 31st Orientation Programme in Human Resource Development Centre, University of North Bengal on 9th November 2017. (two sessions)

27. "Total Quality Management in Library Services" delivered at the Refresher Course in Library Sciences in Human Resource Development Centre, University of North Bengal on 7th November 2017 (two sessions)
28. "Financial literacy and Investment Planning for academic institutions", delivered at the 31st Orientation Programme in Human Resource Development Centre, University of North Bengal on 14th November 2017. (two sessions)

Prof. Debabrata Mitra,

Publications

1. "Determinants of Customer Satisfaction: An Empirical Study with reference to Hotel Industry in West Bengal" in *Indian Journal of Commerce* (A Quarterly Refereed Journal Published by the Indian Commerce Association), Vol. 70, No. 1, January-March 2017, pp 21-27 (co-authored with Debasish Biswas and Arunangshu Giri).
2. "A Study on the Role of Homestay Tourism in Ensuring Socio-Economic Wellbeing of Economically Diffident Communities – A Case Study on Kalimpong District of West Bengal" at the *Indian Journal of Commerce* (A Quarterly Refereed Journal Published by the Indian Commerce Association), Vol. 70, No. 1, January-March 2017, pp 40-69 (co-authored with Ms. Piyali Chandra Khan).
3. "Growth-Inflation nexus in USA: A Threshold Regression Approach" in the *ANWESHAN*, Volume 5, No. 1, March, 2017, pp 34-52, ISSN 2321-0370 (co-authored with Dr. Debesh Bhowmik and Dr. Debasish Biswas)

Seminar, Conferences and Special Lectures

1. Presented a Paper titled "Food Insecurity in the Globalized Regime with special reference to India" at the U.G.C. Sponsored National Seminar on "Spatio Food Insecurity Vulnerability: Economics & Politics" organized by Panchakot Mahavidyalaya, Purulia In Collaboration With Kulti College, Burdwan held on 16th & 17th of March, 2017.
2. Presented a Paper titled "Higher Education and Women Empowerment in India: A Study at the U.G.C. Sponsored International Seminar on recent innovations in Management, Accounting, Business and Entrepreneurship" organized by the Department of Business Administration, Vidyasagar University held on 25th – 26th January, 2017.
3. Chaired a technical session (TS-I) at the U.G.C. Sponsored International Seminar on recent innovations in Management, Accounting, Business and Entrepreneurship" organized by the Department of Business Administration, Vidyasagar University held on 25th – 26th January, 2017.
4. Presented a paper titled "Start Up India: Challenges and Opportunities" at the 69th All India Commerce Conference organized by Faculty of Commerce, University of Lucknow (U.P.), India held on 11th - 13th November, 2016.
5. Presented a paper titled "A study on the role of homestay tourism in ensuring socio-economic well-being of economically different communities: A study of Kalimpong district of West Bengal" at the 69th All India Commerce Conference organized by Faculty of Commerce, University of Lucknow (U.P.), India held on 11th – 13th November, 2016 (co-authored with Ms. Piyali Chandra Khan).
6. Presented a paper titled "Determinants of Customer Satisfaction: An Empirical Study with Reference to Hotel Industry in West Bengal" at the 69th All India Commerce Conference

organized by Faculty of Commerce, University of Lucknow (U.P.), India held on 11th – 13th November, 2016 (co-authored with Dr. Debasis Biswas and A. Giri).

7. Attended as a discussant at the “First International Conference on Contemporary Issues of Business Research 2016 (HEQEP AIF 3rd Round Sub-Project CP # 3068)” organized by Begum Rokeya University, Rangpur, Bangladesh on 4th day of June, 2016.
8. Delivered 3 (three) lectures as a resource person in the “Winter School: Sustainable livelihood strategy for Poverty Reduction” conducted by UGC Human Resource Development Centre, Manipur University, Canchipur on 3rd & 4th February, 2017.
9. Delivered lectures as a resource person at the State Level Seminar on “Quality Assurance of Higher Education in India” organized by A. P. C. Roy Government College, Siliguri on 22nd September, 2016.
10. Delivered lectures as a resource person at the “Ahovaan 2016: Round Table Conference on Industry-Institute Convergence” organized by Department of Management, University of North Bengal on 18th September, 2016.
11. Delivered lectures as a resource person at the UGC sponsored Refresher Courses on Women Studies organized by the Academic Staff College, University of North Bengal held on 10.08.2016.
12. Delivered lectures as a resource person at the UGC sponsored Orientation Programme organized by the Academic Staff College, University of North Bengal on the topics “Corporate Governance for Modern Business, and Time Management for Teachers working at the College and University level” held on 09.08.2016.

Prof. Dipen Roy,

Publications

1. Capital Structure and ‘Capital Budgeting: An Empirical and Analytical Study of the Relationship, *Research Bulletin, ICWAI*, Vol. 42, No. 4, January 2017
2. DCF, Strategic Approach and Multi-factor Model: An Empirical Study to Explore a Rational Approach to Capital Budgeting, *The Indian Journal of Commerce*, Volume 69, No. 4, December 2017
3. Skill Development, Business Education and Economic Growth: Exploring Factors affecting Skill Development of the Learners of Business Education, *University News*, Vol. 5, No. 10, March, 2017

Seminar, Conferences and Special Lectures

1. Participated and presented a paper entitled “DCF, Strategic Approach and Multi-factor Model: An Empirical Study to Explore a Rational” in the 69th All India Commerce Conference held in Lucknow University from 11th November to 13th November 2017.
2. Participated and presented a paper entitled “Capital Structure and ‘Capital Budgeting: An Empirical Study to Explore a Rational” in the 69th All India Commerce Conference held in Lucknow University from 11th November to 13th November 2017.
3. Participated and presented a paper entitled “Quality of Education, Skill Development and Economic Growth” in the National Seminar on Higher Education: Inclusive and Qualitative Growth vis-à-vis Officers held at North Bengal University on 10th September 2016 organized by North Bengal University Officers’ Association.

Dr. Debashis Bhattacharya

Publications

1. A Study on Job induced Stress of BPO Employees: A binary Logistic Regression approach, *International Research Journal of Human Resources and Social Sciences*, (coauthor S. Dey), 2017
2. Park Tourists Behavioral Loyalty A Study on Revisit Intention and Willingness to Recommend Dooars as a Tourism Destination, *International Journal of Exclusive Research*, co-author Dr S. Dey 2017
3. Ban on Maggi Noodles in India: Consumer Perceptions toward the Quality of Corporate Governance, *International Journal of Business and General Management*, co-author S. Dey, 2017
4. Online Impulse Buying: A Conceptual Study, *International Journal of Multidisciplinary Educational Research*, Coauthors S. Dey and S. Guha, 2017
5. A Comparative Assessment of Ecotourism Orientation of Adventure and Leisure Tourists Visiting Darjeeling, *GE-International Journal of Management Research*, (coauthor S. Dey), 2016
6. Stress and Job Induced Tension of BPO Employees: An Empirical Exploration of Intention to Leave the Job, *International Research Journal of Human Resources and Social Sciences*, (coauthor S. Dey), 2016
7. Online Impulse Buying: A Conceptual Study, *International Journal of Multidisciplinary Educational Research*, Coauthors S. Dey and S. Guha, 2016

Seminar, Conferences and Special Lectures

1. Chaired Technical session on Recent Developments in the field of Marketing in International Conference on Recent Innovation in Management, Accounting, Business and Entrepreneurship organized by Department of Management, North Bengal University, 22-24 Nov 2017.
2. Special lecture on Application of Structured Equation Modeling in Social Sciences, delivered in the Department of Economics, North Bengal University, July 2016.

DEPARTMENT OF ECONOMICS

1. **Name of the Department** : Economics
2. **Date of Establishment** : 01.06.1962
3. **Introduction of the Department** : 06.11.1962

4. Name of the Faculty

Sl.No	Professor	Associate Professor	Assistant Professor	Reader
1	Dr. K.K. Bagchi	-	-	-
2	Dr. Anil Bhumali (on leave)	-	-	-
3	Dr. Sanchari Roy Mukherjee	-	-	-
4	-	Smt. Sudakshina Ray	-	-
5	-	Dr. Kanchan Datta	-	-
6	-	-	Mr. T.R. Majumdar	-
7	-	-	Dr. G.Choudhury	-
8	-	-	Mr. Karan Tamang	-

5. **Name of the Research Scholars (Rajiv Gandhi Fellow)**: a. Sheela Karjee, b. Yankey Sherpa, c. Priyanka Muchahanary.
6. **Name of the Project fellow & Secretarial Assistant (under SAP DRS- III)** : Vacant
7. **Name of the Non- Teaching Staff** : a. Sri. Nayan Jyoti Das Roy (Jr. Assistant), b. Smt. Dolly Dey (Sr. Peon)

8. Students Strength

		Male	Female	Total
Part - I	1 st Sem.	8	19	27
	2 nd Sem.	-	-	-
Part - II	3 rd Sem.	9	12	21
	4 th Sem.	-	-	-

Academic Activities of Faculty Members, 2016-2017

A. The Department was inducted into the UGC SAP- DRS Programme in 2004. Departmental Faculty have undertaken research on the focus areas of Regional Development Studies and Gender Economic Studies under this Programme. The Department is conducting 13 Departmental Research projects on Regional Economics and Gender Economics with the involvement of the faculty. The Department has been awarded 3rd phase of the SAP- DRS and made effective from April 2015 for 5 years. In the meantime, besides the two given thrust areas, the Department had generated research work and developed expertise in areas of Human Development and Natural Resource Management, and had strengthened itself to make its foray into such newer research areas. Keeping in view of the new research programmes of the Department, two new thrust areas were identified by the Department namely, Regional and Ecoregional Development Issues and Human Development Issues, in the Regional Context. The Department since 2015 has been concentrating on furthering research in these two thrust areas.

B. Individual Achievements

Prof. Kanak Kanti Bagchi

Research Publications

Articles

1. Kanak Kanti Bagchi (2016): 'Effectiveness of Government Expenditure on Welfare Programmes in India: A Case Study of Indira Awaas Yojana (IAY)' in *The Indian Economic Journal*, Special Issue, December, pp.352-364.
2. Ratul Saha and Kanak Kanti Bagchi (2016): 'Variation in Physical Performance of SHGs – A Study of West Bengal', in *Journal of the Regional Economic Studies*, [ISSN: 2319-2542], Vol. VII, March, pp. 131-150.
3. Bhajan Chandra Barman and Kanak Kanti Bagchi (2016): 'Development of Microfinance Activities in Darjeeling and Nadia Districts of West Bengal', in *Journal of the Regional Economic Studies*, [ISSN: 2319-2542], Vol. VII, March, pp. 111-130.
4. Manik Aich Sarkar and Kanak Kanti Bagchi (2016): 'An Assessment of Self-Help Groups in Rural India - A Case Study of Jalpaiguri District' in *Journal of the Regional Economic Studies*, [ISSN: 2319-2542], Vol. VII, March, pp. 90-110.
5. Raju Sharma Dahal and Kanak Kanti Bagchi (2016): 'Educational status of Socially Backward and Forward Students in Kalimpong Town – A Comparative Study' in *Journal of the Regional Economic Studies*, [ISSN: 2319-2542], Vol. VII, March, pp.46-58.

Books

1. Satyjn Sarkar and Kanak Kanti Bagchi (2016): *Regional Disparities in Socio-Economic Development of West Bengal*, Abhijeet Publications, New Delhi.
2. Tapan Kumar Roy and Kanak Kanti Bagchi (2016): *Employment Wages and Income of Agricultural Labourers in West Bengal*, Abhijeet Publications, New Delhi.
3. Tapan Kumar Ghosh and Kanak Kanti Bagchi (2016): *Finances of Panchayats in West Bengal*, Abhijeet Publications, New Delhi.
4. Goutam Ghosh and Kanak Kanti Bagchi (2016): *Agricultural Finance in West Bengal*, Abhijeet Publications, New Delhi.
5. Ganesh Goutam and Kanak Kanti Bagchi (2016): *Development of Co-operatives in Nepal During the Conflict Period: A Study of Its Socio-Economic Impact*, Abhijeet Publications, New Delhi.

Seminar/ Conference/ Workshop Participation

1. Delivered a lecture on "Globalization of Dr. Ambedkar's Thoughts & Philosophy" as one of the panellists at the Panel Session I in the International Seminar on "Globalization of Dr. Ambedkar's Thoughts & Philosophy" on 14th April 2016 organized by Dr. B. R. Ambedkar University of Social Sciences, Dr. Ambedkar Nagar (Mhow), Indore, Madhya Pradesh.
2. Delivered lecture titled: "Affirmative Action for Dalits in India: A Review of Their Implementation" as main speaker at the Panel Session II in the International Seminar on "Globalization of Dr. Ambedkar's Thoughts & Philosophy" on 14th April 2016 organized by Dr. B. R. Ambedkar University of Social Sciences, Dr. Ambedkar Nagar (Mhow), Indore, Madhya Pradesh.
3. Chaired Technical Session II on "Economic Empowerment & Development" in the International Seminar on "Globalization of Dr. Ambedkar's Thoughts & Philosophy" on 15th April 2016

organized by Dr. B. R. Ambedkar University of Social Sciences, Dr. Ambedkar Nagar (Mhow), Indore, Madhya Pradesh.

4. Presented a paper on “Affirmative Action for Dalits in India: A Review of Their Implementation” at the National Seminar on “Dalit Situation in India after Economic Reforms organized by Centre for Multi-Disciplinary Development Research (CMDR), Dharwad, Karnataka on 21st April 2016.
5. Chaired Technical Session VI at the National Seminar on “Dalit Situation in India after Economic Reforms organized by Centre for Multi-Disciplinary Development Research (CMDR), Dharwad, Karnataka on 21st April 2016.
6. Participated in the Global Conference on Prosperity, Equality and Sustainability: Perspectives and Policies for a Better World, organized by Institute for Human Development, New Delhi and The World Bank on June 1-3, 2016 at New Delhi.
7. Participated as a Discussant in the First International Conference on Contemporary Issues of Business Research 2016, organized by HEQEP Sub-Project CP No. 3068 and Faculty of Business Studies, Bagum Rokeya University, Rangpur, Bangladesh on June 4, 2016.
8. Presented a paper on “Causes and Consequences of Rural Out-Migration – A Case Study of Two districts in West Bengal” at the 48th Regional Science Conference on “Rural Habitat, Institutions and Development: Changing Nature and Challenges” on January 5-7, 2017 organized by the Department of Geography and disaster Management, Tripura University, Tripura.
9. Presented a paper on “Structural Transformation of the Indian and the Chinese Economy – A Comparative Study on Pattern Pace and Constraints” at the 2nd World Congress of Comparative Economics on “1917-2017: Revolution and Evolution in Economic Development” organized by HSE University, Saint Petersburg, **Russian Federation** on June 15-17, 2017.
10. Presented a paper on “Diagnosing the Causes of Great Bengal Famine of 1943 – The Essence of the Duel between FAD and Entitlement Approaches” at the 26th Annual Conference of the World History Association on “The Atlantic World and Food in world History” organized by the World History Association at Northeastern University, Boston, the **United States of America** on June 22-24, 2017.

Ongoing Project

1. “Migration from Tea Gardens of North Bengal”, 2015- continuing, under UGC SAP DRS III.

Prof. Sanchari Roy Mukherjee

Research Publications

1. “Burden of Disease: A Study of Morbidity Profile of the Households of Siliguri Municipal Corporation Area (SMCA), West Bengal, India”, (*Jointly with S. Ghosh and A. Majumder*), *International Journal of Social Science, Arts and Humanities*, Vol.4 (1), pp. 1-7, 2016 (ISSN 2321-4147), 2016

Seminars and Conferences attended and participated

1. Resource Person, Chairperson and Speaker at Plenary session on 23 February, 2017, at International Seminar on GENDER EQUITY, 23-25 February 2017, organized by Gender Cell, Sikkim Government College, Tadong, Sikkim
2. Visiting Fellow under the UGC sponsored Department of Special Assistance (Phase 1) at the Department of Economics, Calcutta University, 9-18th February, 2017

3. Resource Person and Keynote Speaker at UGC Seminar on *Exploitation of Women and Gender Discrimination*, organized by Women's Cell, Surya Sen Mahavidyalaya, Siliguri, on 7th of March 2017
4. Seminar Director of UGC SAP DRS III Seminar on *Regional Development Differentials in Eastern and Northeastern India*, organized by the Department of Economics, North Bengal University, 24-25 March 2017
5. Co-authored "Development and Property Rights: A Gendered Study of Land Inheritance in Sikkim", with Ms. Archana Tamang, & "Migration for Work from West Bengal: Results from NSSO", with Ms. Yashodhara Das, at UGC SAP DRS III Seminar on *Regional Development Differentials in Eastern and Northeastern India*, organized by the Department of Economics, North Bengal University, 24-25 March 2017

Ongoing Project

"Mapping Women's Work in North Bengal", 2015- continuing, under UGC SAP DRS III.

Smt. Sudakshina Ray

Ongoing Project

Rural Microcredit Operations in India: A Two-Tier Analysis of Inter and Intra-Regional Variations", 2015- continuing, under UGC SAP DRS III.

Dr. Kanchan Datta

Research Publications

Datta, Kanchan (2016): "Bamboo handicraft industry in Jalpaiguri –A Case Study of Jalpaiguri Sadar Block" *International Journal of Socio-Legal Analysis and Rural Development*, ISSN: 2455 4049, website: www.ijrsard.org (April, 2016)

Seminar/ Conference/ Workshop Participation

Participated at the Regional Level Seminar on Use of Natural resources of Eastern Himalayas vis-a-vis Sustainable Development organized by P.D. Women's College, Jalpaiguri on 15th March 2017.

Ongoing Project

"MSMEs in the 21st Century with special Reference to Jalpaiguri District" 2015- continuing, under UGC SAP DRS III.

Shri Tamash Ranjan Majumdar

Research Publication

Majumdar T.R and Ray A.K (2017, in press), 'Measurement Of Productivity Performance–An Overview Of The Production Frontier Approach' in Ghosh Moumita and Subba Dipti (eds.), *Contemporary Issues in Social Science Research*, Levant Books, Kolkata.

Seminar/ Conference/ Workshop Participation

- i. Participated as Resource Person in the 'National Workshop on Research Methodology & data Analysis Using Various Statistical Tools' organized by Southfield College, Darjeeling, West Bengal, held from 16th May to 22nd May 2016.

- ii. Participated and presented a paper with the title 'Indian Tea Scenario -A Broad Overview', at the Workshop on 'Tea Industries in North Bengal with special emphasis on Darjeeling Tea Industries: Current Issues and Management Options', organized by the CEMPD Kolkata in association with Department of political Science, University of North Bengal, on 26th July, 2016.
- iii. Attended and presented a joint paper entitled 'Proliferation of New Plantations and Marginalization of Tribal Communities– A Fact Finding Study of Maruti Tea Estate' at the UGC SAP DRS-II National Seminar on 'Marginalized Groups of North Bengal and Sikkim', organized by the Department of Sociology, University of North Bengal, on 16th February, 2017.
- iv. Participated and presented a joint paper entitled 'Employment distribution in tea plantations in three regions of North Bengal: An inquiry' at the UGC-SAP DRS III National Seminar on 'Regional Development Differentials in Eastern and North Eastern India', organized by the Department of Economics, University of North Bengal, on 25th March, 2017.
- v. Attended in the UGC (SAP) DRS-II National Seminar on 'Condition of Plantation Labour in North Bengal Tea Zone', organized by the Department of Sociology, University of North Bengal, on 29th August, 2017.

Ongoing Project

"Globalization and its Impact on West Bengal Tea Economy – A Study on Production Restructuring and Labour Casualization" 2015- continuing, under UGC SAP DRS III.

Dr. Govinda Choudhury

Research Publication

- "Impact of Hydropower on Mountain Communities in Teesta Basin of Eastern Himalaya, India" 2016 in Gregory, B. Greenwood and Shroder, J.F. (Jr) (ed.) *Mountain Ice and Water: Investigations of the Hydrologic Cycle in Alpine Environments*, Elsevier

Seminar/ Conference/ Workshop Participation

- "Conservation and development trade-off: The cost of hydropower development in the Teesta basin on mountain communities", at UGC sponsored National Seminar on **Environmental Challenges in the Himalayas and Neighbourhood: Trends, Challenges and Implication**, 5-6 January 2017, Centre for Himalayan Studies, University of North Bengal.

- "Population growth, land use change and environmental degradation nexus in Eastern India", at UGC sponsored National Seminar on **Population Growth, Urbanisation and Land Utilisation**, 13-14 February 2017, Department of Geography & Applied Geography, University of North Bengal.

- "Globalisation, inequality and poverty nexus: Understanding regional inequality in India", at UGC SAP DRS (II) National Seminar on **Post-Globalisation, the Empire and Identities**, 17 February 2017, Department of Sociology, University of North Bengal.

- "Garmin Unanyaney Ganotrantrey Bhumika", at ICSSR sponsored National Seminar on **Ganotranto O Unanyaner Maan**, 3 March 2017, Department of Economics, Kaliyaganj College, Uttar Dinajpur.

- "Demographic transition and regional pattern of ageing population: Implication for labour migration in India", at UGC SAP DRS (III) National Seminar on 24-25 March 2017, Department of Economics, University of North Bengal.

- “*Riverine watershed ecosystem services and economic valuation in Eastern India*”, at National Seminar on ***Development Perspectives for India: Emerging Issues and Challenges***, 27 March 2017, Department of Economics, Raiganj University.

Ongoing Project

- “Ecosystem Services Valuation and Conservation of Impaired Freshwater Wetlands in Malda District of West Bengal”, funded by UGC SAP DRS (III).

Mr. Karan Tamang

Presented a paper on “Employment Distribution in Tea Plantations in Three Regions of North Bengal: An Enquiry” in SAP-DRS Seminar, organized by the Department of Economics, NBU on 30th March 2016 with T. R. Majumder.

Ongoing Project

“Comparative Study of India’s Intra-Industry Trade with Some of its Neighbouring Countries (Nepal, Bhutan and Bangladesh)” 2015- continuing, under UGC SAP DRS III.

DEPARTMENT OF ENGLISH

1. Name of the Department: Department of English

2. Date of Establishment: 1962

3. Introduction of the Department:

The Department of English was one of the few departments with which the University of North Bengal started functioning fifty five years ago in 1962. Since then the department of English has always been vibrant with teaching, research and extramural activities. The Department has at present only five teachers and two posts are likely to be filled up shortly. Most of the teachers serving now have International publications and visits to their credit. Some of them are engaged in collaborative work with Universities abroad. Always innovative but earnestly student-friendly, the staffs of the Department have always been trying to keep the matter of teaching and research on a par with the current international standards. A language lab, well-stocked seminar library, a computer lab, and the audio-visual aids supplement the élan of the teachers to break new grounds. And the desired results have always been satisfactory. The Department takes pride in regular output of brilliant students and researchers many of whom are well established academics home and abroad.

4. Name of the Faculty:

<u>Professor</u> C. Laha A. Sengupta	<u>Associate Professor</u> B.P. Ray	<u>Assistant Professor</u> R. Ghosh
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5. Name of the Research Scholars:

- a. Pinaki Ranjan Das (State – SRF)
- b. 13 others are private research scholars

6. Name of the Project Scholars: NIL

7. Name of the Non-Teaching Staff:

Name	Designation
Mahashankar Jha	Sr. Assistant
Partha Majumder	Peon (Casual)

8. Students Strength:

Students		Male	Female	Total
Part -I	Ist Sem			
	NBU	22	75	97
	JAL	16	30	46
Part -II	IIIrd Sem			
	NBU	15	46	61
	JAL	6	22	28

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

Name of the Teacher	Name of the Seminars/ Conferences	Venue and Date	Title of the Paper presented
Dr. Chandanashis Laha	i. Exploring Trauma: Interdisciplinary Perspectives	University of Gour Banga, 2016	Trauma and the Dynamics of Memory: Some Literary Praxes
Professor Ashis Sengupta	“Thinking Literature Across Continents” Seminar	University of North Bengal	<i>Islam in Performance</i>

Dr. Ranjan Ghosh	Presentation: A paper on <i>Islam in Performance</i> i) "Source and Text; Department of Comparative Literature ii) Visiting Professor, Department of English	25 & 26 March 2017 University of Chicago, 2016 University of Cyprus, 2016	Source and Text
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10. Organised Seminar / Conferences /RC:

Name of the Seminar /Conferences/Refresher Course	Date of the Seminar/Conferences
"Thinking Literature Across Continents"	25 – 27 March 2017
"Modern Indian English Poetry"	2 to 22 March 2017

11. Publication:

Name of the Author	Name of the Book/Journal/Volume	Year of Publication
Mr. Bishnupada Ray	i. "Tribute to Rabindranath": A Review of Ishita Bhaduri's <i>Rabindranath in Brown Critique</i>	2016
	ii. "Musings" in <i>Brown Critique</i>	2016
	iii. "Musings" in <i>Brown Critique</i>	2017
	iv. "Poems" in <i>Shabdaguchha</i>	2016
Ashis Sengupta (Professor)	i. <i>Islam in Performance: Contemporary Plays from South Asia</i>	2017
Dr. Chandanashis Laha	i. The Past (Im) perfect: Re-reading the English Past Perfective in Theory and Practice	2016
	ii. Karna-Kunti Dialogue : Representations by Different Hands	2017
Dr. Ranjan Ghosh	i) Thinking Literature across Continents (Durham & London : Duke University Press, with J.Hillis Miller)	2016
	ii) Transcultural Pactics and the concept of the Poet (New York : Routledge.	2017
	iii) Asthetics, Politics , Pedagogy , Tagore: Towards a Transcultural Philosophy of Education (London : Palgrave Macmillian	2017

12. Research Projects (Major and Minor): NIL
13. Visiting Fellow. Dept. – 2, UGC- 1
14. Awards Received : NIL

DEPARTMENT OF HINDI

1. Name of the Department : **Department of Hindi**
2. Date of Establishment: 2004
3. Introduction of the Deptt.: The Department offers M.A. and Ph.D. programmes. The present intake of P.G. is 39.
4. Name of the Faculty:
Professor: **Dr. Manisha Jha**
Associate Professor (w.e.f. 22.09.2016): **Dr. Sunil Kumar Dwivedi**
5. Name of the Research Scholar/s
 - a) University Research Fellow: Sri Santosh Kumar Gupta
 - b) UGC Research Fellow : Sri Saroj Lama
 - c) UGC Research Fellow : Sri Ravi Shanker Shukla
 - d) UGC-NFHE Research Fellow: Emerencia Xalxo
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	06	22	28
	2 nd Semester	06	22	28
Part-II	3 rd Semester	05	29	34
	4 th semester	05	29	34

9. Seminar/Conferences attended:

Name of the teacher	Name of the Seminar/ Conferences	Venue & date	Title of the paper presented/Lecture delivered
Dr. Manisha Jha	1. Hindi Karyashala	Airport Authority of India, Bagdogra, 15.06.16	Rajbhasha Neeti Ka Parichay
	2. UGC- Sponsored Orientation Programme	UGC-HRDC,NBU, 20.08. 16	Women Empowerment
	3. Hindi Karyashala	NHPC, Kalijhora, 09.09.2016	Rajbhasha Hindi: Vividh Aayam
	4.Hindi Karyashala	NHPC, Siliguri, 12.09.2016	Rajbhasha Hindi
	5. UGC- Sponsored Short Term Course	UGC-HRDC,NBU, 15.09.16	Translation: General Theory
	6. UGC- Sponsored National Seminar	P.M.S . Mahavidyalay, Jalpaiguri, 26.09.2016	Samkaleen Hindi Kahani Mein Naye Vimarsh
	7. UGC- Sponsored Refresher Course	UGC-HRDC,NBU, 11.11.16	Environmental Concern in Poetry
	8. UGC- Sponsored National Seminar	Hindi Deptt. NBU, 29.11.2016	Nayi Kavita Ke Sarokar

	9. UGC- Sponsored Orientation Programme 10. Special Lecture 11. Special Lecture	UGC-HRDC,NBU, 11.11.16 Centre for Womens' Studies, NBU, 23.03.17 P.B. University, Cooch Behar,24.03.2017	Philosophy of friendship How to Select a Research Topic Samkaleen Sahitya Ki Pravrittiyan
Dr. Sunil Kr. Dwivedi	1.UGC-Sponsored Short Term Course 2.UGC- sponsored National Seminar 3. UGC- sponsored National Seminar 4. Hindi Sahitya Sammelan, Prayag, Allahabad Sponsored National Seminar	UGC-HRDC, NBU, 16.09.16 Parimal Mitra Smriti Mahavidyalaya, Malbazar, 26-27.09.2016 Hindi Deptt. NBU, 29.11.2016 North Eastern Hill University, Shillong, 21.03.2017	Translation Theory & Problems of Translation Work of Assamese Literature Samkaleen Hindi Kahani Mein Naye Vimarsh Nayi Kavita Ke Sarokar Hindi Aur Uski Janpadiya Boliyan

10. Organized seminar/Conferences:

Name of the Seminar/Conference	Date of the Seminar/Conference	Remarks
Name of Teacher- Dr. Manisha Jha:		
1. 28 th Orientation Programme, UGC-HRDC,NBU.	23.11.2016 – 20.12.2016	
2. 27 th Orientation Programme, UGC-HRDC, NBU	27.07.2016 - 24.08.2016	
3. Short term Course on Population, Environment & Development, UGC-HRDC, NBU	25.05.2016 – 31.05.2016	
4. Short term Course on Translation Theory & Assamese Translated Literature, UGC-HRDC, NBU	15.09.2016-21.09.2016	
5. Short term Course on Statistical Computing Techniques for Quantitative & Qualitative data, UGC-HRDC, NBU	15.12.2016 -20.12.2016	
6. Short term Course on Research Methodology, UGC-HRDC, NBU	08.06.2017-14.06.2017	
Name of Teacher- Dr. Sunil Kumar Dwivedi:		
i) UGC sponsored National Seminar on the topic entitled-'Nayi Kavita Ke Sarokar'	29.11.2016	

11. Publications:

Name of the Author	Name of the Book/ Journal/ Volume	Year of Publication
Dr. Manisha Jha	1. Samkaleen Hindi Kavita: Adhyayan ki Samasyaenaur Swaroop, Muktanchal, Kolkata	July-Sept., 2016,
	2. 'Samkaleen Kavita: Chnautiyan Aur Sambhavnayen,'(Chapter in Book) Sarvpriya Prakashan, Delhi	2016
	3. Kanchanjungha Samay, (Book) Bharatiya Jnanpith, New Delhi	Feb. 2017
	4. Samvad-11, Samkaleen Hindi Upanyas Mein Gharclu Hinsa Aur Stree-Utpidan Sandarbh (ISSN-2231-0525)	2017
Dr. Sunil Kr.	1. Bharatiya Vangmaya Aur Hinzara Samudaya, Janakriti	Aug. 2016

Dwivedi	(International E-Magazine) ISSN-2454-2725 2. 'Asmitabodh Aur Adivasi Vimarsh: Aaj Ke Prashna', Uttar Adhunikata Aur Adivasi Vimarsh (ISBN-978-93-85833-08-3) 3. Samvad-11, Hindi Kahani Ka Pravasi Sandarbh (ISSN-2231-0525)	2016 2017
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12. Research Projects (Major & Minor): NIL

13. Visiting Fellow: NIL

14. Any other information: Award Received- NIL

DEPARTMENT OF HISTORY

1. Name of the Department : **History**
 2. Date of Establishment : 1965
 3. Introduction of the Department : 23.02.1965
 4. Name of the Faculty :

Professor	Reader	Sr. Lecturer/ Lecturer
Prof. Icchimuddin Sarkar Prof. Anita Bagchi Prof. Bijoy Kr. Sarkar		Kaushik Bandyopadhyay (Absent) Dr. Dahlia Bhattacharya Dr. Sankar Kr. Das (on lien) Dr. Sudash Lama Sri Varun Kr. Roy

5. Name of the Research Scholars : Manoranjan Sarkar, Chanchal Mandal, Md. Nabiul Islam
 Tushar Kanti Barman, Mampi Barman, John Biswas, Badal Roy, Gyamit Lepcha
 5. Name of the Project Scholars :
 6. Name of The Non-Teaching Staff :

Name	Designation
Sharmistha Das	Jr. Asstt-cum-Typist
Gopal Das	Sr. Peon

7. **Students Strength :**

Students		Male	Female	Total
Part I	1 st Sem.	62	33	95
	2 nd Sem.	59	32	91
Part II	3 rd Sem.	46	40	86
	4 th Sem.	44	39	83

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

9. **Organized Seminar / Conferences :**

Name of the Seminar/Conference	Date of the Seminar / Conference
UGC sponsored National Seminar	18 th & 19 th Feb 2016

8. **Publication :**

Name of the Author	Name of the Book/Journal/Volume	Year of Publication
	KAROTOYA	2016

9. 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	
	NBU	

10. Visiting Fellow:

Name of the Visiting Fellow	Duration	

Dr. Dahlia Bhattacharya
Associate Professor

Name of the Research Scholars: Manoranjan Sarkar, Chanchal Mandal, Tushar Kanti Barman, Mampi Barman, John Biswas

Name of the Teacher	Name of the Seminars/ Conference	Venue & Date	Title of the paper presented
Dr. Dahlia Bhattacharya	UGC National Seminar	Centre of Women's Studies, N.B.U 29 th and 30 th of March 2016	"Women in Indian Armed Forces: Challenges, Triumphs and Male Response"
	UGC National Seminar	Department of History, N.B.U 17 th March 2016	"The Shift in the social paradigm: The Rabhas of North Bengal"

1. Organized Seminar / Conferences :

Name of the Seminar/ Conference	Date of the Seminar / Conference	
	Centre of Women's Studies, N.B.U 29 th and 30 th of March 2016	
	Department of History, N.B.U 17 th March 2016	

1. Publication :

Name of the Author	Name of the Book/Journal/Volume	Year of Publication
Dr. Dahlia Bhattacharya Title of the article The Exodus of the Bengali Evacuees from Burma to Bengal : A Take of Return, Relocation and Resettlement in Bengali (1948-1964)	Journal of the Asiatic Society Volume-LIX, Number 2, 2016 Issn- 2229-4880	2016

2. Research Projects (Major & Minor):

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

Dr. Sudash Lama
Associate Professor

Name of the Research Scholars : Badal Roy, Gyamit Lepcha

Name of the Teacher	Name of the Seminars/ Conference	Venue & Date	Title of the paper presented
Dr. Sudash Lama	UGC sponsored National Seminar	18 th & 19 th February	

1. Organized Seminar / Conferences :

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

2. Publication :

Name of the Author	Name of the Book/Journal/Volume	Year of Publication
Sudash Lama	Karatoya	2016 & 2017

3. Research Projects (Major & Minor):

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

Sri Varun Kr. Roy
Assistant Professor

Name of the Research Scholars :

Name of the Teacher	Name of the Seminars/ Conference	Venue & Date	Title of the paper presented
Sri Varun Kr. Roy	International Seminar	Centre for Studies in Local Languages and Cultures, N.B.U 10 th -12 th March 2016	“Aancholik Bhasay Sahitya Charcha: Samosya o Sambhabona”
	National Seminar	Centre of Women Studies, N.B.U 29 th -30 th March, 2016	“ Status of Women under the Mughals : Reading the Body, Gender and The Nation of Masculinity”

4. Organized Seminar / Conferences :

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

5. Publication :

Name of the Author	Name of the Book/Journal/Volume	Year of Publication
Sri Varun Kr. Roy	“Scripting the past: Configuring religious identities in Pre-colonial India” International Journal of International and Development	2016

6. Research Projects (Major & Minor):

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

5. 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

6. Publication:

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

7. Research Projects (Major & Minor):

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

DEPARTMENT OF LAW

1. Name of the Department : Law
 2. Date of Establishment : 1974
 3. Introduction of the Department : 2000
 4. Name of the Faculty :

Professor		Sr. Lecturer/Lecturer/Asst. Proferssor (Contractual)	
Sl. No.	Professor	Sl. No.	Sr. Lecturer/Lecturer/Assistant Professor
1	Prof. Gangotri Chakraborty [Professor]	1	Dr. R. D. Dubey [Assistant Professor Full Time Contractual]
2	Prof. Rathin Bandyopadhyay [Professor]	2	Ms. Sangeeta Mandal [Assistant Professor Full Time Contractual]
3	Dr. Sujit Kumar Biswas [Assistant Professor]	3	Ms. Sanyukta Moitra [Assistant Professor Full Time Contractual]
4	Dr. Narender Nagarwal [Assistant Professor]	4	Ms. Soma Dey Sarkar [Assistant Professor Full Time Contractual]
		5	Mr. Sanjay Dutta [Assistant Professor PartTime Contractual]
		6	Ms. Taniya Basu Mazumdar [Assistant Professor PartTime Contractual]
		7	Ms. Debarati Chanda [Assistant Professor PartTime Contractual]

5. Name of the Research Scholars : **Annexure attached**
 6. Name of the Project Scholars : Not yet, but likely to be appointed soon.
 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- 2016-17

Students	Male	Female	Total
Part-I 1 st Sem.	08	14	22
2 nd Sem.	04	13	17
Part-II 3 rd Sem.	10	14	24
4 th Sem	06	11	17

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

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

10. Organised Seminar/Conferences: **Annexure attached**

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

11. Publication: **Annexure attached**

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

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

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

13. Visiting Fellow: N/A

Name of the Visiting Fellow	Duration

14. Any other Information: N/A

ANNEXURE

ANNUAL REPORT 2016-17

Name of the Research Scholars

2016-17

Sl. No.	Name of Research Scholars	Status
1	Veerendar Mohan	Not yet Registered

ANNUAL REPORT 2016-17

SEMINAR/CONFERENCES ATTENDED (Outside the country & within the Country)

Name of the Teacher	Name of the Seminars/Conference	Venue and Date	Title of the Paper Presented
Dr. Rathin Bandyopadhyay	UGC sponsored National Seminar on Trafficking in persons: Prevention, control & Rehabilitation	Department of Law, North Bengal University, Darjeeling 26-27 November, 2017	-----
Prof. Gangotri Chakraborty	UGC sponsored National Seminar on Trafficking in persons: Prevention, control & Rehabilitation	Department of Law, North Bengal University, Darjeeling 26-27 November,	-----

		2017	
Dr. Sujit Kumar Biswas	UGC sponsored National Seminar on Trafficking in persons: Prevention, control & Rehabilitation	Department of Law, North Bengal University, Darjeeling 26-27 November, 2017	Role of Judiciary for prevention, control, Rehabilitation and Eradication of Trafficking in India
Mr. Narendar Nagarwal	UGC sponsored National Seminar on Trafficking in persons: Prevention, control & Rehabilitation	Department of Law, North Bengal University, Darjeeling 26-27 November, 2017	The Indian Marriage bazaar- the worst form of human trafficking for marriage in Haryana – An expository study of Law and Administrative Response.
Dr. R. D. Dubey	National Seminar on Trafficking in persons: Prevention, control & Rehabilitation	Department of Law, North Bengal University, Darjeeling 26-27 Nov, 2016	Prevention control of Human Trafficking with special focus on children and women in India
Dr. R. D. Dubey	One day seminar on Human Rights	Department of Law, NBU 22.6.16	Rights of Women and Human Rights
Ms. Sangeeta Mandal	National Seminar on Trafficking in persons: Prevention, control & Rehabilitation	Department of Law, North Bengal University, Darjeeling 26-27 Nov, 2016	Forced labour in India: Facts & legal Perspectives
Ms. Sanyukta Moitra	National Seminar on Trafficking in persons: Prevention, control & Rehabilitation	Department of Law, North Bengal University, Darjeeling 26-27 Nov, 2016	Socio-Economic causes of Human Trafficking in India: Problems and Prospects
Ms. Soma Dey Sarkar	National Seminar on Trafficking in persons: Prevention, control & Rehabilitation	Department of Law, North Bengal University, Darjeeling 26-27 Nov, 2016	Child Trafficking In India: Methods and Strategies of Prevention
Mr. Sanjay Dutta	National Seminar on Trafficking in persons: Prevention, control & Rehabilitation	Department of Law, North Bengal University, Darjeeling 26-27 Nov, 2016	-----
Ms. Taniya Basu Mazumdar	National Seminar on Trafficking in persons: Prevention, control & Rehabilitation	Department of Law, North Bengal University, Darjeeling 26-27 Nov, 2016	Trafficking of Girl Child from the closed Tea Garden of North Bengal: A socio Legal Study.
Ms. Debarati Chanda	National Seminar on Trafficking in persons: Prevention, control & Rehabilitation	Department of Law, North Bengal University, Darjeeling 26-27 Nov, 2016	-----

ORGANISED SEMINAR/CONFERENCE

Name of the Teacher	Name of the Seminars/Conference	Date of Seminar Conference
Dr. Rathin Bandyopadhyay	UGC sponsored National Seminar on Trafficking in persons: Prevention, control & Rehabilitation	26-27Nov,2016
Prof. Gangotri Chakraborty	UGC sponsored National Seminar on Trafficking in persons: Prevention, control & Rehabilitation	26-27Nov,2016
Dr. Sujit Kumar Biswas	UGC sponsored National Seminar on Trafficking in persons: Prevention, control & Rehabilitation	26-27 November, 2017
Mr. Narendar Nagarwal	UGC sponsored National Seminar on Trafficking in persons: Prevention, control & Rehabilitation	26-27Nov,2016
Dr. R. D. Dubey	National Seminar on Trafficking in persons: Prevention, control & Rehabilitation	26-27 November,2016
Ms. Sangeeta Mandal	National Seminar on Trafficking in persons: Prevention, control & Rehabilitation	26-27 November,2016
Ms. Debarati Chanda	National Seminar on Trafficking in persons: Prevention, control & Rehabilitation	26-27 November,2016
Ms. Sanyukta Moitra	National Seminar on Trafficking in persons: Prevention, control & Rehabilitation	26-27 November,2016
Ms. Soma Dey Sarkar	National Seminar on Trafficking in persons: Prevention, control & Rehabilitation	26-27 November,2016
Mr. Sanjay Dutta	National Seminar on Trafficking in persons: Prevention, control & Rehabilitation	26-27 November,2016
Ms. Taniya Basu Mazumdar	National Seminar on Trafficking in persons: Prevention, control & Rehabilitation	26-27 November,2016

PUBLICATION

Name of the Author	Name of the Book/Journal/Volume	Year of Publication
Dr. Sujit Kumar Biswas	Legislative Law versus Judge made Law: Balancing the Rhythm of the Rule of Law published by the Registrar, NBU	2016-17
Dr. Sujit Kumar Biswas	Developing Dialogue in Globalised India: Role of Judiciary in the Indian Journal of Law & Justice Volume – 8 No.1 ISSN No-0976-3570	2016-17
Mr. Narendar Nagarwal	Social Media Revolution and Ciber Crime in India- the Law policy and practice – chapter in edited book “Ciber Security & Law: A Panoramic View – Central Law Agency, Lucknow.	2016-17

RESEARCH PROJECTS – MAJOR

Name of the Teacher	Title of the Scheme Project	Sanctioned Authority
Prof. Gangotri Chakraborty (Principal Investigator)	A Study of Food(IN) Security in Eastern and North Eastern India in the Light of Laws Relating to Food, Food Standard, Food Security and PDS	UGC Innovative Research Programme
Prof. Rathin Bandyopadhyay (Principal Investigator)	A Study of Food(IN) Security in Eastern and North Eastern India in the Light of Laws Relating to Food, Food Standard, Food Security and PDS	UGC Innovative Research Programme

Dr. Sujit Kumar Biswas (Co-Investigator)	A Study of Food(IN) Security in Eastern and North Eastern India in the Light of Laws Relating to Food, Food Standard, Food Security and PDS	UGC Innovative Research Programme
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RESEARCH PROJECTS – MINOR

Name of the Teacher	Title of the Scheme Project	Sanctioned Authority
Dr. Sujit Kumar Biswas (Project Investigator)	Ensuring Right to Food through PDS: A Socio-Legal Study of the State Of west Bengal	University of North Bengal

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** :

<u>Professor</u>	<u>Associate professor</u>	<u>Assistant professor</u>
Dr. Saptarshi Ghosh		Sri Tapan Barui

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

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

8. **Student Strength**

		<u>Male</u>	<u>Female</u>	<u>Total</u>
BLIS	1 st Sem.	11	30	41.
	2 nd Sem.	07	27	34.
MLIS	1st Sem.	12	34	46.
	2nd Sem.	12	32	44.

9. **Seminar / Conference attended or Paper presented (Outside the Country & Within the Country)**

Name of the Teacher	Name of the Seminar/Conference	Venue & Date	Title of the paper presented
Dr. Saptarshi Ghosh			

Mr. Tapan Barui	1. UGC Sponsored National Seminar on Exertion to Establish Knowledge Society: Responsibility of Academic Libraries.	Shimurali Sachinandan College of Education Shimurali, Nadia, West Bengal, Pin- 741248 September 24 th & 25 th , 2016	Information Literacy and Librarian-Faculty Collaboration in Academic Library for Sustainable Teaching Learning Environment: An integrated approach
	2. UGC Sponsored two-day National Seminar on Participatory Librarianship (NSPL)	Dept. of LIS, NBU, Raja Rammohunpur, Darjeeling, March 9 th -10 th , 2017	Altmetrics: a Changing Trend in Assessing Research Impact

10. Organized Seminar/Conferences:

Name of the Seminar/Conference	Date of the Seminar/Conference	Remarks
1. 3 rd Refresher Course on Sustainable Libraries in Knowledge Society	November 2 nd – 22, 2016	1. Course-coordinator: Dr. Saptarshi Ghosh
2. UGC Sponsored two-day National Seminar on Participatory Librarianship (NSPL)	March 9 th -10 th , 2017	2. A) Organizing Secretary : Mr. Tapan Barui B) Working President: Dr. Saptarshi Ghosh
3. Departmental Reunion, 2017	11 th March, 2017	3. A) Secretaries: Mr. Tapan Barui Joint Secretaries: Mr. Ajay Misra, Mr. Santanu Chanda and Dr. Ratna Nandi B) President: Dr. Saptarshi Ghosh C) Chief Guest: Prof. Sanjay Kumar Singh, DLIS, Gauhati University, Assam.
4. Educational tour to Delhi and adjacent areas	14 th to 26 th March, 2017	4. Coordinators: Mr. Tapan Barui and Mr. Deep Kumar Dutta
5. Librarians' Day Celebration	12 th August, 2016	5. A) Organizing Secretary : Mr. Tapan Barui B) Working President: Dr. Saptarshi Ghosh

11. Publication:

Name of the Author	Name of the Book/Journal/Volume	Year of Publication
Dr. Saptarshi Ghosh		
Tapan Barui and Suparna Naskar Barui	1. Total Quality Management (TQM) in Librarians: an approach. Vidyawartha, 4(14), p.21-29. ISSN 23199318	2016
	2. Digital Library initiatives in India: an overview. <i>In</i> Proceedings of 6th National Conference, CGLA: ECO-CGL. Indian Museum, Kolkata. ISBN 9788192736007	2016
	3. Greening the library: a small movement towards green. <i>In</i> Libraries and Library Professionals in ICT Era. Edited by Dr.	2016

	Kanchan Kamila, Dr. Biswajit Das and Amit Kumar Das. Anu Publishers. p.15-28. ISBN 9788192553740	
	4. Information Literacy and Librarian-Faculty Collaboration in Academic Library for Sustainable Teaching Learning Environment: An integrated approach. <i>In Proceedings of National Seminar on Exertion to Establish Knowledge Society: Responsibility of Academic Libraries.</i> Edited by Dr. Sambhu Nath Halder. Shimurali Sachinandan College of Education. Nadia. p. 493-506. ISBN 9788192290294	2016
	5. Role of Online Journals and Library Consortium on research: with special reference to N-LIST Programme of INFLIBNET. <i>In Application of modern Tools & Technology in Library Services</i> Tripura University. Suryamaninagar, Agartala, Tripura (W). p. 269-283. ISBN 9789385883385	2017

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:

Name of the Visiting Fellow	Duration	
NIL	NIL	NIL

14. Any other information: -

- A) Departmental journal **ADVANCES IN LIBRARY AND INFORMATION SCIENCE (ALIS): a Peer reviewed Journal on Information Studies; ISSN 2231-2846** is published since 2011 regularly.
- B) Information quality attribute for quality content development by Saptarshi Ghosh, ICDL, 2016
- C) The post of Executive Committee member of IASLIC was held by Dr. Saptarshi Ghosh in 2016
- D) The names of Dr. Saptarshi Ghosh and Mr. Tapan Barui were included in panel of dissertation guides (M.I.S) of the School of Professional Studies, Netaji Subhas Open University, Kolkata during 2016.
- E) Dr. Saptarshi Ghosh and Mr. Tapan Barui were served as member of Executive Council, NBU during 2016-17.
- F) Dr. Saptarshi Ghosh was a Rapporteur General of IASLIC - IGNC A One Day Convention on 'Libraries, Education and New Education Policy - The Fulcrums : A Discourse' 9th May 2016.

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 Extension Education & 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. Also the department extended the opportunity to the budding researchers in various areas of rural development by introducing Ph.D programme in 2013. The Department publishes its Bi-monthly journal: JOURNAL OF Lifelong Learning & Development (ISSN: 2231 4121)

4. **Name of the Faculty:**

Professor	Associate Professor	Assistant Professor
Arun K. Jana (Hcad)	Monotosh Bose	Dr. Ratna Sarkar (Contractual)
	M.U. Alam	Ms. Manasree Dasgupta (Part-time)

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

- a. Monalisa Das
- b. Arijit Talukdar
- c. Malini Dutta
- d. Dipika Dewan
- e. Sameer Das
- f. Seema Gupta

6. Name of the Project Scholars: None

7. Name of the Non-Teaching Staff:

Name	Designation
Basudeb Sutradhar	Peon (Group-D)
Ajoy Singha	Peon (Group-D)

8. Students Strength:

Students		Male	Female	Total
Part -I	1 st Semester	12	19	31
	2 nd Semester	08	12	20
Part -II	3 rd Semester	03	07	10
	4 th Semester	03	07	10

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

Name of the Teacher	Name of the Seminars/Conference	Venue & Date	Title/Subject of the Paper presented
Professor Arun K. Jana	International Conferences First Asian Conference on Human Security, organized by the Asian Political and International Studies Association (APISA)	Overseas Chinese University, Taichung, Taiwan May 5-6, 2016.	The Indian State and the Rural Poor in the Age of Economic Reforms: Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGS) and Economic security in Rural India.
	International Conferences 10 th ICSSR-NRCT (Indian Council of Social Science Research, New Delhi and National Research Council of Thailand) seminar organized by the ICSSR	Hotel Metropolitan, New Delhi September 6-7, 2016	Democratic Constitutionalism: The Indian Experience/Democracy and Governance in India and Thailand
Prof. M.U.Alam	International Conference on Life Skills Education 2017, jointly organized by the Indian Association of Life Skills Education, Mumbai and S.M. Joshi College, Pune	S.M. Joshi College, Pune ; February 3 – 5, 2017	Education for Achieving Sustainable Development Goals 2030: A Look into the Causes and Consequences of Educational Backwardness among the Muslims of North Bengal.
	East Zone & West Bengal State Conference of the Indian Adult Education Association and National Seminar on Status of Women in Society Vis-à-vis Literacy organized by the Indian Adult Education Association, West Bengal State Branch, in	Narendrapur, Kolkata November 5-6, 2016	An Enquiry into the Causes and Consequences of Low Status of Muslim Women in West Bengal.

	collaboration with the Ramakrishna Mission Lok Shiksha Parisad, Narendrapur, Government of West Bengal and Sarva Shiksha Mission, Siliguri Educational District		
	National Seminar on "HIGHER EDUCATION: INCLUSIVE AND QUALITATIVE GROWTH vis-à-vis OFFICERS", organised by the North Bengal University Officers' Association, University of North Bengal	Conference Hall, North Bengal University Campus, September 10, 2016.	Higher Education and the Question of Inclusive Development of the Muslim Minorities in West Bengal
	National Seminar on "ANTHROPOLOGY IN THE PRESENT ERA", organised by the Department of Anthropology, North Bengal University	March 23-24, 2017	Education and Empowerment: A study on Muslim Women in Uttar Dinajpur District of West Bengal

10. Organised Seminar/Conferences/Workshop/Training:

Sl. No.	Title of the Workshop/Training & Venue	Date & Duration	Target Audience/ Number of Participants	Number and Names of the Resource Persons
1.	Training workshop on <u>Development of Agriculture Extension</u> Organised by- Department of Lifelong Learning and Extension, University of North Bengal In collaboration with- Jalpaiguri Krishi Vigyan Kendra, Ramsai, WEST BENGAL UNIVERSITY OF ANIMAL & FISHERIES SCIENCES Venue: Conference Hall, Krishi Vigyan Kendra, Ramsai, Jalpaiguri	February 20 - 21, 2017 (Two days)	Progressive farmers residing in Jalpaiguri District Total number of participants- 110	Prof. Monotosh Bose, DLLE, NBU Dr. Debkumar Mukherjee, Principal, Mainaguri College Professor Arun Kanti Jana, Head, DLLE, NBU Dr. Ratna Sarkar, Assistant Professor DLLE, NBU Ms. Manasree Dasgupta, Assistant Professor DLLE, NBU Dr. Biplab Das, Programme Coordinator, Krishi Vigyan Kendra, Ramsai, Jalpaiguri Dr. Soma Banerjee, Subject Matter Specialist, Extension Education, Krishi Vigyan Kendra, Ramsai, Jalpaiguri Dr. Manas Kumar Das, Subject Matter Specialist, Krishi Vigyan Kendra, Ramsai, Jalpaiguri
2.	Certificate Course on <u>Health and Nutrition of Children (Phase II)</u>	28 Feb 2017- 29 March	Participants from the districts of	Professor Rudranath Bhattacharya, Former Dean, North Bengal Medical College

	Venue: Lecture Hall, DLLE, NBU	2017, (One month)	North Bengal having minimum qualification of Higher Secondary, Total number of participants- 81	Dr. Tushar Kanti Saha, Deptt. Of Community Medicine, North Bengal Medical College Dr. Tapas Kumar Sarkar, Deptt. Of Community Medicine, North Bengal Medical College Dr. Nilanjana Ghosh, Deptt. Of Community Medicine, North Bengal Medical College Dr. Nabanita Bannerjee, Deptt. Of Community Medicine, North Bengal Medical College Dr. Sharmistha Mukherjee, Deptt. Of Community Medicine, North Bengal Medical College Dr. Romy Biswas, Deptt. Of Community Medicine, North Bengal Medical College Dr. Abhijit Mukherjee, Deptt. Of Community Medicine, North Bengal Medical College Professor Jaydip Sen, Deptt. Of Anthropology, NBU Dr. Samar Biswas, HOD, Deptt. Of Anthropology, NBU Sri Subhas Singh, Chairman, NACDOR Smt. Tara Das, Social Worker Dr. Ratna Sarkar, DLLE, NBU Prof. M.Bose, DLLE, NBU Prof. M.Dasgupta, DLLE, NBU
3.	Training workshop on Development of Agriculture Extension Organised by- Department of Lifelong Learning and Extension, University of North Bengal In collaboration with- Department of Agricultural Extension, Uttar Banga Krishi Viswavidyalaya, Cooch Behar Venue- Chakwakheta, Chilapata Jungle Camp, Chilapata Alipurduar	March 6-7, 2017 (Two days)	Progressive Farmers residing in the nearby villages; Total number of participants- 80	Professor T.K.Hath, Dean, Faculty of Agriculture, Uttar Banga Krishi Viswavidyalaya, Prof. Monotosh Bose, Associate Professor, DLLE, NBU Dr. Kaushik Pradhan, Head, Department of Agricultural Extension, Uttar Banga Krishi Viswavidyalaya Dr. Ratna Sarkar, Assistant Professor, DLLE, NBU Ms. Manasree Dasgupta, Assistant Professor DLLE, NBU Dr. Mrs. S. Mondal, Assistant Professor, Department of Agricultural Extension, Uttar Banga Krishi Viswavidyalaya. Deepa Roy and Litan Das, Department of Agricultural

				Extension, Uttar Banga Krishi Viswavidyalaya, Dr. Surojit Khalko, Department of Agricultural Extension, Uttar Banga Krishi Viswavidyalaya Dr. Dupan Roy, Department of Agricultural Extension, Uttar Banga Krishi Viswavidyalaya Dr. Suprakash Pal, Department of Agricultural Extension, Uttar Banga Krishi Viswavidyalaya
4.	Workshop on <u>National Rural Livelihood Mission (ANANDADHARA)</u> Organised by- Department of Lifelong Learning and Extension, University of North Bengal. In collaboration with- District Rural Development Cell, Siliguri Mahakuma Parishad, Siliguri, Darjeeling. Venue- Seminar Hall, Humanities Building, University of North Bengal	March , 9-10, 2017 (Two days)	Tribal Women associated with Self Help Group (SHG) from Naxalbari block Total number of participants- 45	Prof. Monotosh Bose, Associate Professor, DLLE, NBU Smt. Mamata Pal Chanda, Women Development Officer, Mal Bazar Block Dr. Ratna Sarkar, Assistant Professor DLLE, NBU Ms. Manasree Dasgupta, Assistant Professor DLLE, NBU Sri Anabil Dutta, Project Director, DRDC, Siliguri Mahakuma Parishad, Siliguri, Darjeeling Sri Ratnesh Kumar Sinha, Siliguri Mahakuma Parishad, Siliguri, Darjeeling Dr. Debasish Bhattacharjee, Department of Commerce, University of North Bengal Sri Pradip Kumar Roy, Deputy Project Director, DRDC, Siliguri Mahakuma Parishad, Siliguri, Darjeeling
5.	Two-Day Workshop on <u>National Rural Livelihood Mission (ANANDADHARA)</u> Venue-NRIM Hall. Madarihat- Birpara Block	March 16-17, 2017 (Two days)	Tribal Women associated with Self Help Group (SHG) from Madarihat- Birpara Block Total number of participants- 135	Prof. Monotosh Bose, Associate Professor, DLLE, NBU Sri Rajib Dasgupta, WBCS (Executive), Block Development Officer, Birpara Block Smt. Mamata Pal Chanda, Women Development Officer, Mal Bazar Block Dr. Ratna Sarkar, Assistant Professor DLLE, NBU Sri Joy Ranjan Dutta, SHG Supervisor, Madarihat-Birpara Block
6.	Training of Trainers (TOT) on Panchayat and	March 22-23,	People's representative	Ms. Roshni Sen, IAS, Secretary, Department of Child Development

	<p>Rural Development Thrust Area: Governance & Women Empowerment Venue: Conference Hall, University of North Bengal</p>	<p>2017 (Two days)</p>	<p>s and members from different tiers of PRIs, Administrators from development agencies and academicians from the districts of North Bengal, Total number of participants- 80</p>	<p>& Department of Women and Social Welfare, Government of West Bengal Prof. Tapas Kumar Sarkar, Sabhadhipati, Siliguri Mahakuma Parishad Smt. Nandini Kajuri, Director, State Resource Centre, West Bengal Dr. Biswanath Chakraborty, Professor & Head, Deptt. of Political Science, Rabindra Bharati University, Kolkata Professor Sanchari Roy Mukherjee, Department of Economics, University of North Bengal Dr. Ranjita Chakraborty, Associate Professor, Deptt. of Political Science, University of North Bengal Prof. Monotosh Bose, Associate Professor, Deptt. of Lifelong Learning & Extension, University of North Bengal Professor Arun Kanti Jana, Head, DLLE, NBU Professor Dyutish Chakraborty Deptt. of Political Science & Member, Expert Committee, DLLE, University of North Bengal</p>
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11. Academic Activities related to training of Post-Graduate Students of the Department in assessing the implementation of Rural Development Programmes through direct interaction with the rural people

Sl. No.	Objective of the Field Survey	Date of Survey	Venue	Number of Respondents
1.	To analyse the impact of rural tourism on the economic upliftment of the locality	15 th Feb, 2017	Suntaleykhola, Gorubathan Block of Kalimpong District	100
2.	To view the occupational pattern of the rural people living in that area and to study in what way the development of rural tourism affects their livelihood	17 th Feb, 2017	Gajoldoba of Rajganj Block, Jalpaiguri District	150
3.	To study the agricultural pattern of the area	18 th March, 2017	Simultala Baldanga village; Bodo Dakshin Haldibari Gram Panchayat; Haldibari Block of Cooch Behar District	100

4.	To study the impact of Sarva Siksha Mission on the school going children of elementary age group	25 th March, 2017	Ketugabur village, Maniram gram panchayat, Naxalari block of Darjeeling district	150
5.	To study the agricultural pattern of the area and status of Sakshar Bharat Mission Programme	26 th March, 2017	Purana Bandarlahapara, Sonapurhut gram panchayat, Chopra block of uttar Dinajpur district	150
6.	To know and analyse the socio-economic condition and livelihood pattern of Mech and Rava Community.	30 th March, 2017	Kumargram Block in Alipurduar district	100

12.Publication:

Name of the Author	Title of the Article	Name of the Book/ Journal/Volume/Whether Sole Author/Co-Author/ Name of the Publisher/ ISBN/ISSN No.	Year of Publication
Professor Arun K.Jana	Aggressive Capitalist Development, Displacement of Tribal's and Tribal Protests in Odisha in the Era of Liberalization (1991-2011)	Surinder Kumar, C. S. Verma & Prashant K. Trivedi (eds) State and Capitalist Development in India: A Political Economy Perspective/ <u>Sole Author</u> : Aakar Books , New Delhi; ISBN 978-93-5002-373-0	2016
Prof. M.U.Alam	"Man for all Seasons"	Kachan Sarker (ed) The People's Professor: Reminiscences of Sharit K. Bhowmik, Kolkata: Anustup	2016
	"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) Life Skills for Achieving Sustainable Development Goals 2030, New Delhi: Excel India Publishers, 2017	2017
	Shikad/ Loksanskriti Bishoyak Prabandha Sankalan, with Nanadadulal Debnath, Siliguri:	N L Publishers	2016
	"Ekush Andolan Prekshapate Du'ti Smaraklipi Ebam Pakistan Communist Partyr Abadan" (Bengali)	SAMBARTIKA, 18(1): pp 17 – 20	2016
Dr. Ratna Sarkar	Impact of Literacy on certain health issues of married women folks from backward communities of Bansaon Kismat Gram Panchayat, Phasidewa Block, Siliguri sub-division.	Conference Proceeding Volume published by the Centre for Women Studies, University of North Bengal	2016

	Awareness and Participation of Tribal Women in Rural Development: A Study of the Ghosepukur Gram Panchayat, West Bengal, India	Journal of Global Research in Education and Social Science. International Knowledge Press. Volume 7, Issue 2	2016
	A Study on the Health and Nutritional Status of Tribal Women in Godam Line Village of Phansidewa Block in Darjeeling District	IOSR Journal Of Humanities And Social Science (IOSR-JHSS) Volume 21, Issue 11, Ver. 4 (Nov. 2016)	2016

13. Research Projects (Major & Minor): Nil

14. Visiting Fellow:

Name of the Visiting Fellow	Duration
Dr. Biswanath Chakraborty, Professor and Head, Department of Political Science, Rabindra Bharati University Kolkata	December 22-24, 2016

15. 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
Dr. Rathin Bandyopadhyay (Head)

Sr. Lecturer/Lecturer

Mr. Sanmoy Mallick
Dr. Deepak Subba
Ms. Nandita Pradhan (Contractual)
Dr. Subrata Ray (Contractual)
Mr. Dipanjan Moitra (Contractual)
Mrs. Piyali Chandra Khan (Contractual)

5. Name of the Research Scholars : None

6. Name of the Project Scholars: None

7. Name of the Non-Teaching Staff :

Name

Mr. Somnath Ghosh
Mr. Dipak Chettri
Mr. Somnath Dey
Mrs. Draupadi Mallick

Designation

Office Assistant (Contractual)
Group-D (Casual)
Group-D (Casual)
Group-D (Casual)

8. Students Strength

Students	Male		Female		Total			
	Male	Female	Male	Female	Male	Female		
Session 2014-2015 (MBA)								
Semester	General		SC		ST		Total	
	Male	Female	Male	Female	Male	Female		
Batch 2013-15	1 st Sem	17	12	2	0	1	2	34
	2 nd Sem	15	11	2	0	1	2	31
Batch 2014-16	3 rd Sem	9	10	3	1	2	0	25
	4 th Sem	9	10	3	1	2	0	25

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

Name of the Teacher	Sl. No.	Name of the Seminars / Conference	Venue & Date	Title of the paper presented
Dr. Rathin Bandyopadhyay, Head of the Department, Department of Management, University of North Bengal	1.	2 Day (26-27 November, 2016) UGC sponsored National Seminar on Trafficking in Persons: Prevention, Control and Rehabilitation	Department of Law, University of North Bengal	Legal Control of Cross- Border Trafficking of Women and Girls: A Critical Appraisal
Mr. Dipanjan Moitra, Assistant Professor (Contractual), Department of Management, University of North Bengal				
Mrs. Piyali Chandra Khan, Assistant Professor (Contractual), Department of Management, University of North Bengal				

10. Organized Seminar / Conferences:

Name of the Seminar/Conference	Date of the Seminar / Conference	Venue
National Symposium 2014	1 st and 2 nd February 2014	Conference Hall, University of North Bengal

11. Publication:

A) Published papers in Journals

Name of the Teacher	Sl.No.	Title with page Nos (Vol/Issue)/No.)	Journal	ISSN/ISBN
Dr. Rathin Bandyopadhyay, Head of the Department, Department of Management, University of North Bengal	1.	Rights Protection Regime for the Internally Displaced Women and Children: Towards the Formation of A Metaframework, page no. 166-186 (vol.3, Special issue, 2013).	Kathmandu School of Law Review	ISSN: 2091-2110
Dr. Subrata Ray,	1.	Linking Intention to Leave and	SIT Journal of	ISSN:

Assistant Professor (Contractual), Department of Management, University of North Bengal		Job Characteristics of Retail Sales Personnel,	Management, Referred Journal	2278-9111
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ii) Books Published as single author or as editor

Name of the Teacher	Sl. No.	Title with page Nos.	Journal	Publisher & ISSN / ISBN No.
Dr. Rathin Bandyopadhyay, Head of the Department, Department of Management, University of North Bengal	1.	An Introduction to Administrative Law, pages xxi+ 341, (2013).	Subject Book published by a national level publisher, Authorship - Jointly Edited	Paragon International Publishers, New Delhi ISBN No. 978-81-89253-60-6

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:

Name of the Visiting Fellow	Duration	
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 2016 was organized for the very first time.

Name of the Faculty:

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

4. Name of the Reserach Scholars: NIL

5. Name of the Project Scholars: NIL

6. Name of the Non Teaching Staff:

- Dipak Dey, Peon (Casual)

7. Student strength:	Male	Female	Total
Part I: 1 st Sem.	8	10	18
2 nd Sem.	7	16	23
PartII: 3 rd Sem.	7	16	23
4 th Sem.	6	8	14

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

9. Organized Seminar/ Conference: NIL

10. Publication: NIL

11. Research Projects (Major & Minor): NIL

12. Visiting Fellow: NIL

13. Any other information: Students' Film Festival BIOSCOPE 2016 was organized for the very first time. Pr Campaigns have been initiated by the department. 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 : **Full fledged Department for Nepali Literature**
4. Name of the Faculty : **Arts, Commerce & Law**

Professor

1. Prof. Ghanashyam Nepal
2. Prof. Mohan Prasad Dahal

Reader

1. Dr. Krishnaraj Ghatani

Sr. Lecturer/Lecturer

1. Dr. Pushkar Parajuli

5. Name of the Research Scholars :

1. Bikram Biswakarma (R.G.N.F)
2. Sarswati Mohora (R.G.N.F)
3. Nilu Gahatraj (R.G.N.F)
4. Nita Pradhan (M.A.N.F)
5. Nabina Thapa (M.A.N.F)
6. Adarsh Sundas (R.G.N.F)
7. Dipesh Lama (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 :

Students	Male	Female	Total
Part- I 1 st Sem.	22	26	48
2 nd Sem.			
Part - II 3 rd Sem.	13	25	38
4 th Sem.			

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
	-		

10. Organized Seminar/Conference:

Name of the Seminar/Conference	Date of Seminar/Conference	
National Seminar on Nepali Children's Literature (Co-ordinator Dr. Pushkar Parajuli)	07 and 08 March, 2017. Nepali Department, University of North Bengal.	

11. Publication:

Name of the Editor	Name of the Book/Journal/Volume	Year of Publication
Dr. Pushkar Parajuli	• Avijnan (Nepali Journal)	• July-December 2016, Vol.3 No.4
Prof. Ghanashyam Nepal	• Avijnan (Nepali Journal)	• January-June 2017, Vol.6 No.6
Prof. Mohan Prasad Dahal	• Nepali Academy Journal	• Vol.12 No.12 October -2016.
Prof. Mohan Prasad Dahal	• Academy Nibandhwali (An anthology of Nepali prose writing) NBU Academy.	• (2 nd edition) March, 2017.

12. Research Projects (Major & Minor) :

Major Research Project		
Title of the Scheme Project	Sanctioned Authority	
1. Tri-Lingual Dictionary Project	University Grant Commission New Delhi. Department of Nepali, university of North Bengal. Sri. Gyan Prasad Chhetri (Technical Assistant) engaged.	
1. ILCI- Phase II Project	Project Title : Indian Languages Corpora Initiative (Nepali) Funding Agency: DeitY, Govt. of India. Amount :Rs. 61.53 Lakhs. Period : 27 September 2012 to January 20, 2017 (Extended)	Department of Nepali University of North Bengal 1. Principal Investigator- Prof. Ghanashyam Nepal, 2. Dr. Pushkar Parajuli (Co-Investigators) 3. Dr. Sharad Sinha, Deptt. of Computer Science & Application (Co-Investigators).
2. SPTII.- Project	Project Title : Shallow Parser Tools For Indian Languages (SPT-II.) under Hyderabad University. Funding Agency DeitY, Rs. 33.81 Lakhs Period : 2013 to December 18, 2016 (Extended)	Department of Nepali University of North Bengal 1. Principal Investigator- Dr. Naresh Chandra Khati. 2. Co-PI- Dr. Krishnaraj Ghatani.
Minor Research Project		
Title of the Scheme Project	Sanctioned Authority	

13. Visiting Fellow :

Name of the Visiting Fellow	Duration	

14. 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 2014 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. Soma Dutta, 2. Indrani Chowdhury, 3. Eagam Khaling, 4. Juhi Routh, 5. Sanghamitra Barman, 6. Banani Barman, 7. Nabanita Bhowal, 8. Swati Bhattacharya, 9. Swati Ghatak, 10. Joly Roy, 11. Sujit Kumar Dutta, 12. Kaizar Rahaman, 13. Jayceta Majumdar, 14. Abir kr. Das, 15. Sutapa Goswami, 16. Chandra Shekhar Mondal, 17. Monoranjan Roy Prodhani, 18. Hare Krishna Barman, 19. Chayanika Roy, 20. Sutapa Goswami, 22. Debanjali Mukherjee, 23. Anup kr. Das, 24. Ranjit kr. Barman, 25. Shrabani Roy, 26. Indrani Sukla 27. Subir kumar Roy, 28. Gopa Bhattacharya 29. Priyanka Hazra, 30. Jadav Roy, 30. Buddhishwar Haldar, 31. Pinki Das, 33. Soumitra Chakroborty, 34. Rakhi Debnath, 35. Harendranath Barman, 36. Suman Das, 37. Bishnupriya Saha, 38. Sushobhan Debbarman, 39. Biman Karmakar, 40. Mecnakshi Goswami, 4 42. Rituparna paul, 43. Hasen Ali Ahmed 44. Somesh Roy, 45. Sanjay Borah, 46. Kharosrotha Pal 47. Shasi Mohan Das. 48. Riptika Das 49. Priyanka Basak. 50. Gambhir Dhoj Subba.

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 1 st Sem	30	39	69
2 nd Sem	25	26	51
Part-II 3 rd Sem	25	26	51
4 th Sem	31	22	53

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>
Dr. Debika Saha	Outside India: 1. Real & the Virtual: The post Humanistic Futuristic Conditions	New York University	Glocal Symposium
	2. World Congress on Aristotle	Athens University.10-15 th July, Athens, Greece	Aristotle's concept of Justice in the 21st Century.
	3. National Seminar on Human Trafficking	Dept. of Law.NBU.27 th Nov.2016	Silent Slaves: Challenges of Human Trafficking in the Globalized Era
	4. Symposium Asian Philosophy Conference	Sanchi University of Buddhist & Indic Study,13 th February 2017	Euthanasia
	5. 91 st Indian Philosophical Congress	Sanchi University of Buddhist & Indic Study,12 th February 2017	The Role of Religion in the Globalized Era
	6. UGC Sponsored National	Samsi College, Samsi,	Issues of Death

	Seminar on Ethical Issues Concerning Life & Death	Malda. 23 rd July.2016	
Dr. Anirban Mukherjee	<p>Within India:</p> <p>1. UGC sponsored National Seminar on 'Life: The Buddhist Way'</p> <p>2. As an invited speaker.</p> <p>3. National Seminar on 'Approaches to the Real in Contemporary India'</p>	<p>Department of Philosophy, North Bengal University from 27 – 28 March 2017.</p> <p>Presidency University on 22 March 2017</p> <p>Department of Philosophy, Jadavpur University from 7 -8 March 2017.</p>	<p>'In the Middle of Extremes: Buddhism, Politics and Life'</p> <p>'Wittgenstein: Language, Knowledge, and Culture'</p> <p>'The Elephant in the Room: Kalidas Bhattacharyya and Alternating Reals'</p>
Dr.Koushik Joardar	<p>Within India:</p> <p>1.Seminar on Language of Art</p> <p>2.Religion and Future Society</p>	<p>North Bengal University, 16-17 Feb, 2017</p> <p>Banaras Hindu University, 5.3.2017</p>	<p>Introducing the theme: Language of Art Religious Plurality</p>
Dr. Laxmikanta Padhi	<p>Within India:</p> <p>1. UGC sponsored National Seminar on <i>Ethical Issues Concerning Life and Death</i></p> <p>2. National Seminar on <i>Reconstruction of Indian Philosophical Framework: Quest for Decoding Meaning</i></p> <p>3. National Seminar on <i>Contemporary Ethics: Theoretical, Practical and Methodological Disquiet</i></p> <p>4. 91st Indian Philosophical Congress</p> <p>5. UGC sponsored National Level Seminar on Life: The Buddhist Way</p> <p>6. UGC-SAP assisted National Seminar</p> <p>7. 91st Indian Philosophical Congress</p>	<p>Dept. of Philosophy, Samsi College, Malda, from 23rd July to 24th July, 2016.</p> <p>Goa University from 28th to 30th January, 2017.</p> <p><i>Disquiet</i> Department of Philosophy, Singhbhum College, Chandil, Jharkhand from 6th - 7th February, 2017</p> <p>Sanchi University of Buddhist-Indic Studies, Bhopal from 12th 14th February, 2017.</p> <p>The Centre for Buddhist Studies, Department of Philosophy, University of North Bengal on March 27-28, 2017.</p> <p>Department of Philosophy, Assam University, Silchar on 30th March, 2017</p> <p>Sanchi University of Buddhist-Indic Studies, Bhopal from 12th 14th</p>	<p>Do Animals have Moral Status?</p> <p>Indian Philosophy and Mysticism: Some Observations</p> <p>Applied Ethics and the Moral Status of Animals</p> <p>The Role of Philosophy of Religion in Religious Conflicts</p> <p>Some Reflections on Buddhist Morality</p> <p>Reflections on Religion and Morality</p> <p>The Role of Philosophy of Religion in Religious</p>

		February, 2017.	Conflicts
Dr. Ngaleknao Ramthing	<p>Within India:</p> <p>1. UGC sponsored Refresher course on studies in Peace and Conflict</p> <p>2. UGC SAP DRS III sponsored International seminar on Language of Art.</p> <p>3. UGC sponsored National Level Seminar on Life: The Buddhist Way</p>	<p>3-23 January, 2017, University of North Bengal</p> <p>Department of Philosophy, North Bengal University on 16-17 February</p> <p>The Centre for Buddhist Studies, Department of Philosophy, University of North Bengal on March 27-28, 2017.</p>	“Structural Violence”
Smt. Swagata Ghosh	<p>Within India:</p> <p>1. Two-day State-level Seminar on <i>Binaries and Beyond</i></p> <p>2. Invited lecture on ‘<i>Rabindradarshane Manush o Manavata</i>’</p> <p>3. UGC Sponsored Refresher course on <i>Studies in Peace and Conflict</i></p> <p>4. UGC-SAP DRS-III Sponsored International Seminar on <i>Language of Art</i></p> <p>5. UGC Sponsored National level Seminar on <i>Life: The Buddhist Way</i></p>	<p>Centre of Advanced Study in Philosophy, Department of Philosophy, Jadavpur University on and from March 29-30, 2017</p> <p>Dept. Of Bengali, University of North Bengal on December 30, 2016.</p> <p>Dept. Of Philosophy and UGCHRDC, University of North Bengal on and from January 3-23, 2017</p> <p>Department of Philosophy, University of North Bengal on February 16-17, 2017</p> <p>The Centre for Buddhist Studies, Department of Philosophy, University of North Bengal on March 27-28, 2017.</p>	<p>‘<i>Consciousness and its Object: Freedom from a Dualist Perspective</i>’</p> <p>‘<i>Rabindradarshane Manush o Manavata</i>’</p> <p><i>Moral Dilemmas in Psychotherapy</i></p>

10. Organized Seminar/Conferences:

Name of the Seminar/Conference	Date of the Seminar/Conference	
Prof. Kantilal Das and Dr. Ngaleknao Ramthing 1. Philosophy and Science: A Critical Survey	7 th December 2016	
Prof. Debika Saha 1. National level Seminar on <i>Life: The Buddhist Way</i>	27 th – 28 th March, 2017	
Prof. Jyotish Ch. Basak 1. National level Seminar on <i>Life: The Buddhist Way</i>	27 th -- 28 th March, 2017	

Dr. Koushik Joardar and Dr. Anirban Mukherjee 1. Organised an international seminar on 'The Language of Art'	16 th – 17 th February, 2017	
Dr. Koushik Joardar and Dr. Laxmikanta Padhi 1. RC on Studies in Peace and conflict	3 rd – 23 rd January, 2017	

11. Publication:

Name of the author	Name of the Book/Journal/Volume	Year of Publication
Dr. Koushik Joardar	"Table O Chetana Rang" (Tagore-Einstein Dialogue), Kali o Kalam	2016
Dr. Anirban Mukherjee	1. 'How McDowell Moves away from Kant' in <i>Gauhati University Journal of Philosophy</i> , Vol. 1, No. 1: 2. 'On Globalization' in <i>Philosophical Papers</i> , Volume–XI	December 2016 March 2015 (Published in 2016),
Prof. Jyotish Ch. Basak	1. <i>Philosophical Papers: Journal of the Dept. of Philosophy: The Surrogacy Conundrum</i>	2017
Dr. Debika Saha	1. 'The Relevance of Philosophical Counseling in the treatment of mental health' in <i>Counseling</i> , Cider Press, Siliguri. ISBN 978-81-917449-1-3	2016
Dr. Ngaleknao Ramthing	1. 'The Contractarian Approach to Ethics', <i>Philosophical Papers: Journal of the Department of Philosophy</i> , University of North Bengal, Vol. XII	2016

12. Research Projects (Major & Minor):

Major Research Project		
Title of the Scheme Project	Sanctioned Authority	
Prof. Kantilal Das 1. "Wittgenstein on Religious Language and Religious Experience"	Indian Council of Philosophical Research	
Minor Research Project		
Title of the Scheme Project	Sanctioned Authority	

13. Visiting Fellow:

Sl No.	Name of the Visiting Fellow & Designation	Period of the lectures	Topic
01	Prof. Manjulika Ghosh, Former Professor, North Bengal University	17.08.2016-18.08.2016 & 13.01.2017	(i) Some Aspect of Linguistic Meaning (ii) Phenomenology of Husserl (iii) Heidegger Concept of Being in BT
02	Dr. Amit Ranjan Basu, Social Scientist	17.08.2016 - 19.08.2016	(i) Counselling & Language of Humour : The Philosophical analytic
03	Prof. Balaganapathi Devarakonda, Delhi	22.08.2016 - 24.08.2016	(i) Language of Violence: A Philosophical Analysis (ii) Language

	University			of History: A peep into Historiography and Indian Philosophy
04	Prof. Manisha Barua, Gauhati University	07.09.2016		Religion and Gandhi
05	Prof. Shibnath Sharma, Gauhati University	14.09.2016 15.09.2016	–	(i) A Case for Religion I & II (ii) The Philosophy of Oneness & Human Welfare
06	Prof. Rakesh Chandra, Lucknow University	26.08.2016 28.09.2016	–	(i) Analytic Philosophy- History, Characters and its cultural politics (ii) A Thin theory of Self in an inclusive Universe (iii) Philosophy, Gender and Politics
07	Prof. P.K. Mukhapadhyaya, Jadavpur University, National Fellow ICPR	06.12.2016		(i) Contemporary Philosophy, Future Direction
08	Dr. Samar Kumar Mandal, Jadavpur University	10.01.2017-11.01.2017		(i) Some Metaphysical issues
09	Prof. Ranjan Kumar Panda, IIT Mumbai, Humanities and Social Science	16.01.2017		(i) Language and Linguistic Representation: Wittgenstien & Searle
10	Prof. Laxminarayan Lenka, NEHU	17.01.2017		(i) Theory of Speech Act
11	Prof. Ranjan Kumar Ghosh, Senior Fellow of ICPR	14.02.2017 15.02.2017	–	(i)Aesthetic: An Introduction (ii)Problems in Aesthetics
12	Dr. Nirmalya Narayan Chakraborty, Rabindra Bharati University	08.03.2017 09.03.2017	–	(i) On talking about “There is not” (ii)Nyaya-Buddhist Debate Concerning Empty Name
13	Prof. Aditya Mohanty, Tripura University	14.03.2017 16.03.2017	–	(i)Language, Reality & Communication (ii)Meaning of Meaning (iii)Logical, Illogical & A-logical
14	Prof. Gerald J. Larson, Tagore Professor Emeritus of Indian Cultures and Civilization, Indiana University, Bloomington and Professor Emeritus, Religious Studies, University of California. Santa Barbara, USA.	18.03.2017 20.03.2017	–	(i) Samkhya-Yoga in Classical Indian Philosophy. (ii) Samkhya-Yoga as it related to Karma-Yoga
15	Prof. Ranjana Mukharjee, Rabindra Bharati University	30.03.2017 31.03.2017	–	(i) The Truth Conditional 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. M.Yasin	Dr. Maya Ghosh	Dr. Ramesh Dural
Dr. Soumitra De	Dr. Dyutis Chakraborty	
Dr. Arun Kanti Jana	Dr. Ranjita Chakraborty	

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
	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

Dr. Ramesh Dural	International Seminar	Department of Political Science, University of North Bengal, 8 th March, 2017	Bengal 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, 9 th March, 2017	Development-Induced Displacement: An analysis of the 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 2016-2017

Seminars/Workshops organized by the Department:

1. International Seminar on India and her Neighbours : Challenges and Potentialities, 7th March, 2017 (UGC)
2. International Seminar on Social Movements in India : Recent Trends, 8th March 2017 (UGC-SAP)
3. National Seminar on Civil Society Movements in North Bengal : Issues, Organizations and Impact on Political Process, 9th March, 2017 (UGC -SAP)

Major and Minor research projects sanctioned/completed :

S.De, D.Chakrabarti & M.Yasin : "Applications of ICT & Major Governmental Programmes in the Remote and Rural Areas of North Bengal" (Rs. 8 lakh)

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.

Publications:

Dr. Arun Kanti Jana :

1. Aggressive Capitalist Development, Displacement of Tribal's and Tribal Protests in Odisha in the Era of Liberalization (1991-2011)
2. Surinder Kumar, C.S. Verma & Prashant K. Trivedi (eds) State and Capitalist Development in India: A Political Economy Perspective
3. Confronting the 'Congress System' in West Bengal : Electoral strategies of the CPI in the 1950s. Journal of Political Studies, Vol 12.

Dr. Ranjita Chakraborty :

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

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

Dr. Ranjita Chakraborty :

1. Attended and delivered a plenary speech on Gender Equality and Women's Empowerment in the two day Legal Awareness Programme on Women, organized by the Department of Political Science, Sikkim University on 3-4th October, 2016 and also chaired a session on Empowerment, Women and Education, 3rd October, 2016, Department of Political Science, Sikkim University (in collaboration with Sikkim Commission for Women and Dept. of Humanities and Social Sciences, Sikkim Manipal University.)
2. 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

Activities of Prof. Sanjay Roy

Publications

- (1) 'Governmentality in Neo-Libral Globalized Indian Democracy' in Danda, AK, et al (eds) *Society, State and Governance*, Jhargram: Indian National Confederation and Academy of Anthropologists, 2016: 189-220 (ISBN: 978-93-83088-13-3)
- (2) 'Nuances of Social Relations in Everyday Life', *Social Trends*, Vol. 3, No. 1, 2016: 167-176 (ISSN: 2348-6538).
- (3) 'Inside and Outside Communal Identity', in Ajit K. Danda (ed) *Identities, Ethnic Boundaries, and the State*. Jhargram: Indian national Confederation and Academy of Anthropologists, 2017: 36-53: ISBN: 978-93-83088-14-0
- (4) 'Discourse Formation and Praxis in Everyday Life', *Social Trends: Journal of the Department of Sociology of North Bengal University*, Vol. 4, 2017 pp. 157-168(ISSN: 2348-6538).

Journals edited

1. *Social Trends: The Annual Journal of the Department of Sociology of North Bengal University*, Vol. 3, No. 1, March 2016, ISSN: 2348-6538
2. *Social Trends: The Journal of the Department of Sociology of North Bengal University*, Vol. 4, March 2017, ISSN: 2348-6538

Seminars organized

- i. Organized as the Coordinator a national seminar on Post-Globalization India with UGC unassigned grant on 17 February 2017.
- ii. Organized a two-day Workshop on Indian Sociological Tradition under the SAP DRS (II) (UGC) in the Department of Sociology, North Bengal University, on 28-29 March 2017.

Seminars attended

- (1) Spoken on the 'Past, Present and Future of Dalit Studies in India' at the National Seminar on *Prabudha Bharat: Dr B.R. Ambedkar in the Passage of Time*, organized by The Asiatic Society Kolkata, 26-27 August 2016
- (2) Presented three papers titled (1) Discourses on Everyday Life (2) Why I am not communal? and (3) Significance of Reflexive Method in the Study of Everyday Life in the 42nd All Indian Sociological Conference held at Tezpur University from 27th to 30th December 2016.
- (3) Delivered a lecture (as panel speaker) on 'Dimensions of Social Marginality' in an international seminar on Social Marginality: Issues and Concerns, organized at Gaur Banga University on 3 February 2017.
- (4) Delivered a speech on 'Cultural Federalism and the Indian Nation' in the Round Table discussion at the Indian Anthropology Conference organized by INCAA and Department of Anthropology, Vidyasagar University on 21-23 February 2017.
- (5) Presented a paper on 'North Bengal Tribes: Problems of Development' in the UGC-SAP DRS III National Seminar on REGIONAL DEVELOPMENT DIFFERENTIALS IN EASTERN AND NORTH EASTERN INDIA, organized by the Department of Economics, North Bengal University on 24-25 March 2017

Activities of Prof. Saswati Biswas

Seminar organized

1. Organized a seminar on marginalized Communities of North Bengal and Sikkim on 16 February 2017. The seminar was funded by North Bengal University out of UGC unassigned grant.

Publication

- (1) Published a paper titled 'The Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights Act): Relevance for North East India' in Karubaki Datta (ed) *Man and Forest in the Himalayas and Northeast India*. Delhi: R.B. Publishing Corporation, 2017.

Activities of Swatahsiddha Sarkar (2016-17)

A. PUBLICATIONS

Articles/ Book Review/ Reportage

1. 2017. "The influences of Indian Sociology in Nepal: Need for Regional Imagining", *Studies in Nepali History and Society* (SINHAS), Volume 22, Number 1, pp. 119-156 (Co-authored)ISSN: 1025-5109
2. 2017. "Seminar Reportage – The Annual Kathmandu Conference on Nepal & the Himalaya," *IIIMALAYA, the Journal of the Association for Nepal and Himalayan Studies*, Vol. 37, No. 1: 141-144, Article 22. Available at: <http://digitalcommons.mcalester.edu/himalaya/vol37/iss1/22> (co-authroed)
3. 2017. "Obituary: Sharit K Bhowmik (1948–2016)", *Economic and Political Weekly*, 52(4): 72-73.
4. 2016. "Environment and Development: Critical Notes on Sustainable Development", *Kerala Sociologists*, 44 (2): 131-143. (ISSN 0975-8933)
5. 2016. "Curious Notes on Globalisation, Labour and National Society", *Frontier*, 49(9) Sep 4 - 10, Available at URL: <http://www.frontierweekly.com/articles/vol-49/49-9/49-9- Globalisation % 20 Labour % 20 and %20National%20Society.html> (ISSN 0016-2094)
6. 2016. "How (Not) to Write Hill History: Gorkhaland and Telangana Are Not Similar", *Economic and Political Weekly*, 51(5): 94-95. (ISSN 0012-9976).

Book Chapters

- (1) 2017. "Challenging the Idea of Development through Development Discourses: Reflections on the Gorkhaland Movement", (Chapt. 10, pp. 210-220), in Anjan Chakrabarty, Rajarshi Chatterjee and Panchali Sengupta (eds.) *Interrogating Development: perspective on the Economy, Environment, Ethnicity and Gender*. Kolkata: Setu Prakashani. (ISBN 978-93-80677-94-1)
- (2) 2017. "Politics of Identity and Growing Tribalism in the Darjeeling Hills" (Chapt. 6, pp.59-70), in Bidhan Kanti Das & Rajat Kanti Das (eds.) *Rethinking Tribe in Indian Context: Realities, Issues & Challenges*. Rawat Publications: Jaipur & New Delhi. (ISBN 9788131608173)

B. PROJECTS UNDERTAKEN

1. 2016-17. Recipient of ICSSR and University of Lausanne funded Indo-Swiss Joint Research Project on "A Moral Economy of Labour? Tea Cooperatives in Eastern Himalayan and Sub-Himalayan Bengal Tea Zone"

C. PRESENTATIONS IN SEMINAR/ CONFERENCES (INTERNATIONAL & NATIONAL)

International

1. Co-presented a paper entitled "A Moral Economy of Labour? Tea Cooperatives in Eastern Himalayan and Sub- Himalayan Bengal Tea Zone" in the 4th Joint Seminar of the Indo-Swiss Joint Research Programme in the Social Sciences organized by the University of Lausanne at Hotel Euler, Centralbahnplatz 14, Basel, Switzerland during 4-6 September 2017.

2. Presented a paper entitled "Border without the State: Locating Indo-Nepal Border culturally" (co-authored), 5th conference of the Asian Borderlands Research Network (ABRN), 12-14 December, 2016

Dynamic Borderlands: Livelihoods, Communities and Flows, Social Science Baha, Nepal; ABRN; and the International Institute for Asian Studies, the Netherlands, (Chairperson: Prof. Willem van Schendel).

3. Presented a paper entitled "Linguistic Situation in Darjeeling-Sikkim Himalayas: Interstices between Identity, Difference and Belongingness", The Annual Kathmandu Conference on Nepal & the Himalaya

Social Science Baha, The Association for Nepal and Himalayan Studies, Britain-Nepal Academic Council, Centre for Himalayan Studies-CNRS & Nepal Academic Network (Japan), July 27-29, 2016, Shankar Hotel, Lazimpat, Kathmandu, Nepal

4. Presented a paper entitled "Locating Nepal in Indian Sociology and Social Anthropology: Mapping the Research Highways from India to Nepal" (co-authored), The Annual Kathmandu Conference on Nepal & the Himalaya, Social Science Baha, The Association for Nepal and Himalayan Studies, Britain-Nepal Academic Council, Centre for Himalayan Studies-CNRS & Nepal Academic Network (Japan), July 27-29, 2016, Shankar Hotel, Lazimpat, Kathmandu, Nepal

National

1. Presented a paper entitled "National Sociology, M. N. Srinivas and the Possibilities of South Asian Sociology" in the Workshop on Indian Sociological Tradition: A Relook, Department of Sociology [Under SAP-DRS-II], North Bengal University, 28-29 March 2017.

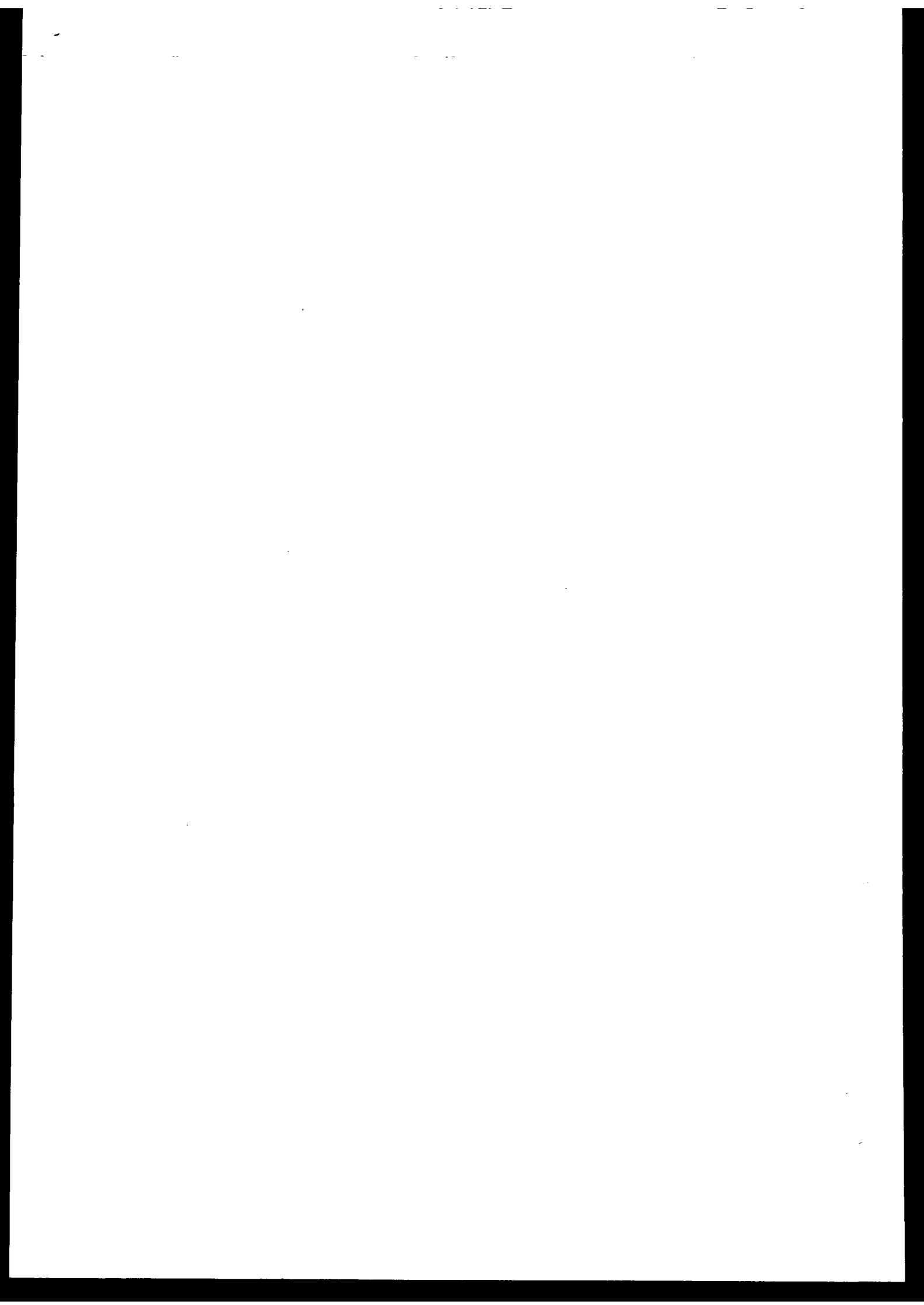
2. Presented a paper entitled "Marginalising the Marginalised: Preliminary Notes on the Working Class of North Bengal Tea Plantations" (Co-authored), National Seminar on Marginalized Communities in North Bengal and Sikkim, Department of Sociology, University of North Bengal, 16th February 2017.

3. Presented a paper entitled "Globalization and Plantation Labour Changing Contours of Labour Relations in the Darjeeling Tea Belt" (co-authored), International Centre for Development and Decent Work (ICDD), Germany funded Conference on Labour Markets in Eastern Himalayas and North East India: Changing Patterns and Emerging Issues, April 29-30, 2016, Tata Institute of Social Sciences (Guwahati Campus), Guwahati.

ACADEMIC VISIT TO UNIVERSITIES ABROAD

1. Visited Zurich University, Switzerland during 12 June 2017 to 17 June 2017 in connection with the Indo-Swiss Joint Research Project

2. Visited Gottingen University, Germany during 18 June 2017 to 26 June 2016 and gave Lecture in the Bachelor course on Economic Geography and shared inputs on the history of tea plantations and politics of labour.



CHAPTER - III

RESEARCH CENTERS

CENTRE FOR HIMALAYAN STUDIES

1. Name of the Department : Centre for Himalayan Studies
 2. Date of Establishment : 11th December 1978
 3. Introduction of the Department : Strategic and Area Studies, 2005.

4. Name of the Faculty

<i>Professor</i>	<i>Associate Professor</i>	<i>Assistant Professor</i>
Prof. Maitreyee Choudhury (Director)	Dr. Ujjwal Bhui	Nil
Prof. Sekh Rahim Mondal (Retd. 31.08.16)		
Prof. Rangadhar Sahu		
Prof. Karubaki Datta		

5. Name of the Research Scholars : Sri Aditya Subba, UGC NET SRF
 Ms. Jayashree Dey, UGC NET SRF
 Ms. Dipika Lama, SRF, Rajiv Gandhi
 Sri Suresh Subba, JRF, Rajiv Gandhi

6. Name of the Project Scholars : NA

7. Name of the Non-teaching Staff :

<i>Name</i>	<i>Designation</i>
Sri Ajay Misra	Documentation Officer
Dr. Debi Prasad Boot (Retd. 31.07.16)	Cartographer
Sri Hari Nath Poddar	Superintendent (technical)
Sm. Munna Mangar	Senior Peon
Sm Ratna Das	Office Assistant Group C (Contractual)
Sri Ajay Thakur	Documentation Staff Group D (Contractual)

8. Students Strength

<i>P.G. Students</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>
1 st Sem.	02	03	05
2 nd Sem.	00	03	03
3 rd Sem.	01	04	05
4 th Sem.	01	04	05
<i>M.Phil Students</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>
1 st Sem.	04	05	09
2 nd Sem.	04	04	08
3 rd Sem.	03	03	06
4 th Sem.	02	04	06
<i>P.hD Students</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>
	11	11	22

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
Prof. M. Choudhury	ICSSR sponsored National Seminar "Development and Change in India: Retrospect and Prospects"	Department of Sociology, Sikkim University, Gangtok, 4-5 November 2015	Special Lecture on Development Issues
"	"People, Forests and Ecosystem Services"	Darjeeling, ATREE, 25 March 2017	Special Lecture on Environmental Research
Prof. K. Datta	"International Conference of the International Association of Tibetan Studies"	Bergen, Norway, June, 2016	"Challenges of Conservation and development in the sacred landscape of Demojong in Western Sikkim" Special Lecture
"	"UGC sponsored National Seminar on "Society, Economy and Environment in Tista-Brahmaputra Valley: A Changing Scenario"	Netaji SubhasMahavidyalaya, Haldibari, Jalpaiguri, 3-4 Sept. 2016	
"	"3 rd International Congress on Green Urban Futures"	India International Centre, New Delhi, Feb. 9-10, 2017	Urbanisation in North East India: Emergence and Trends"
"	International Seminar on "Exploring South Asia: State, Religion and Society" National Seminar, Keynote Address	GourBanga University, Malda 8-9 March, 2017 Salesian College, 14-15 March 2017	"Nepali immigration to Sikkim and Bhutan"
Dr. U. Bhui"	National Seminar on "Trafficking in Persons: Prevention, Control and Rehabilitation"	Department of Law, NBU, 26-27 November, 2016	"Darjeeling and the Eastern Himalayas – A Multidisciplinary Approach", "Trafficking of Women in Darjeeling Hills: Prevention, Control and Rehabilitation"
"	International Seminar on "Global Issues in Contemporary Art, Culture and Society"	Birpara College, Alipurduar, 30-31 March 2017	"Cultural Intolerance: A Threat to the Global World Society"

10. Organized Seminar/Conferences:

Name of the Seminar/Conference	Date of the Seminar/Conference	Remarks
Environmental Changes in the Himalayas and Neighbourhood: Trends, Challenges and Implications	5-6 January, 2017	National Seminar funded by UGC under Area Studies Programme

11. Publication:

Name of the Author	Name of the Book/Journal/Volume	Year of Publication
Prof. M. Choudhury	“Inter-District Inequalities in Literacy Rate in Arunachal Pradesh”, in <i>The Himalayan Miscellany</i> , Vol. No. 26. Pp. 28-42, 2015 (Published in March 2017, Joint paper with Kankan Roy).	2017
”	“The Concept of Gross National Happiness and its Application in the Process of Development in Bhutan”, <i>Occasional Paper No 21</i> , Centre for Himalayan Studies, North Bengal University, 2016.	2016
Prof. S.R. Mondal	“From Exclusion to inclusion: A note on Islamic Feminism and Bharatiya Muslim Mahila Andolan in contemporary India”, in <i>Journal of Indian Anthropological Society</i> , 2016, Vol. 49, No. 123, pp. 379-394.	2016
”	“Interrogating cosmopolitanism from Anthropological perspective” in S. Sengupta, ed. <i>Contemporary Anthropological Research in East and North East India</i> , New Delhi, Gyan Publishing House, 2016.	2016
Prof. R. Sahu	“Governance and the Strategies of Development of the State of Sikkim in the Eastern Himalayan: Some Observations”, <i>Occasional Paper No. 22</i> , Centre for Himalayan Studies, NBU.	2016
Dr. Ujjwal Bhui	“Gender Disparity in Literacy in Sikkim: Some Observations”, Vol. No. 26, pp. 43-60, 2015 (Published in March 2017, Joint paper with Ishita Saha)	2017

12. Research Projects (Major & Minor)

Major Research Project		
Title of the Scheme of the Project	Sanctioning authority	Remarks
“Ethnic Movements for Autonomy: A Sociological Study of Some Ethnic Groups of West Bengal vis-à-vis Jharkhand with Reference to Their Struggle for Autonomy to Solve Identity and Development Related Issues” - PI: Dr. Ujjwal Bhui	ICSSR	Sanctioned amount: Rs.5,00,000/-).
Minor Research Project		
Title of the Scheme of the Project	Sanctioning authority	Remarks
1. “Trans-border migration of workers from Nepal and its effect on Demography in Sikkim and Darjeeling Hills” - PI: Prof. Maitreyee Choudhury	UGC/CIIS	Under Area Studies Programme
2. “Forests, Settlements and Environment of Sikkim during the Colonial Period of Indian History” – PI: Dr. Karubaki Datta	UGC/CHS	Do
3. “Impact of Sarva Shiksha Abhiyan on Enrolment and Retention in Elementary Education in Sikkim: A Sociological Perspective	UGC/CIIS	Do

13. Visiting Fellow:

Name of the Visiting Fellow	Duration
1. Dr. Tseten Namgyal (Tibetan Language, JNU, New Delhi)	15 days in 2016
2. Col. Dr. G.S. Batabyal (IR Studies)	15 days in 2016

a. Any other information: Foreign Visit: Prof. K. Datta visited Bergen, Norway (June 2016).

CENTRE FOR WOMEN'S STUDIES

1. Name of the Department : Centre for Women's Studies

2. Date of Establishment : July, 2000:

3. Introduction of the Department :

4. Name of the Faculty :
 Professor Reader Sr Lecturer/ Lecturer

5. Name of the Research Scholars :

6. Name of the Project Scholars :

7. Name of the Non-teaching Staff :
 Name Designation

8. Students Strength

Student s	Male	Female	Total
Part -I 1 st Sem.			
2 nd Sem.			
Part -II 3 rd Sem.			
4 th 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

10. Organized Seminar / Conferences :

Name of the Seminar /Conference	Date of the Seminar / Conference	
National Seminar on Women, Society & Crime	31 st March, 2017	

11. Publication:

Name of the Author	Name of the Book/Journal/Volume	Year of publication
	Journal of Women's Studies Vol-VIII, ISSN - 2320-3625	2017

12. Research Projects (Major & Minor)

Major Research Project		
Minor Research Project		

13. Visiting Fellow :

Name of the visiting Fellow	Duration	

14. Any other information :-

(From 1st April 2016 to 31st March 2017)

Teaching Courses

Women's Studies, the Centre has started Refresher Courses on Women's Studies and Short term Certificate Courses on Women's Issues during XIIth Plan Period. CWS has taken the decision to introduce M.Phil in Women's Studies from 2018 for which syllabus has been formulated.

A. Refresher Course

The Centre for Women's Studies, University of North Bengal, under the umbrella of the UGC Academic Staff College, organized a Refresher Course from 03.08.2016-23.08.2016. The theme of the Course was Women in Literature and Society .

B. Short Term Courses-

Keeping in mind the growing responses towards Women's Studies and the regional need, the Centre for Women's Studies, University of North Bengal has started short term Certificate Course from the year 2009 on various Women's issues.

B-1. Geo-informatics-

The Centre for the Women's Studies, University of North Bengal in collaboration with Indian National Cartographic Association, Kolkata Branch has organised a two days Workshop on Geoinformatics from 17-23 March, 2017. M. Phil and Ph. D. scholars and teachers from schools and colleges have taken part in the course.

B-2. 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 7 day Certificate Course on Women's Studies from 22-28 March, 2017

B-3. Research Methodology

For the advancement of the subject Women's Studies ,there is a need to train research scholars .Hence the 7 days certificate course on Research Methodology has been conducted from 21-27 March, 2017

Field Action –

International Women's Day

The Centre for Women's Studies has organized the *International Women's Day* on 8th March ,2017 .Special lectures were given by renowned scholars.

Awareness Programme:-

Awareness programme on Sexual harassment bill has been organized on different days month of October 2017 for all the students of North Bengal University.

Workshop:-

National Seminar

The Centre for Women's Studies organized a UGC Sponsored National Seminar on Women , Society & Crime from 31 March,2017.

The Project Works taken during the 2016-2017 are (1) Documentation of handicrafts and traditional knowledge of women of North Bengal (2) Gender Atlas of India. CWS has formulated the syllabus for M.phil in Women's Studies and planning to start the M.phil course in Women's Studies from coming session

Publication:-

- Journal of Women's Studies Vol-VIII - No-1 ,2017 ISSN -2320-3625 (ISSN number received on Jan 22,2013)

Documentation:-

- i. Documentation of Handicrafts and traditional knowledge of women of North Bengal has been done. The Documentation work has been initiated in this financial year and will continue for the next financial year.

Human Resources

As of 31st March, 2017, the following members constitute the existing manpower at the Centre for Women's Studies:

- i) Project Officer: Dr. Beethika Moni Dutta (*on contractual basis*)
- ii) Peon: Shri Asit Singha (*on contractual basis*)

HIGH ENERGY & COSMIC RAY RESEARCH CENTRE

The research publications during 2016-17 are given below :

1. 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, Phys. Rev. D, 95, 06314 (2017)
2. Exact Relativistic Newtonian Representation of Gravitational static Spacetime Geometries, S. Ghosh, T. Sarkar, and A. Bhadra, Astrophys. J. 828, 6 (2016)
3. The knee in the cosmic ray energy spectrum from the simultaneous EAS charged particles and muon density spectra, B. Bijay, P. Banik and A. Bhadra, Astrophys. Sp. Sc. 361, 311 (2016)
4. Spectral lags of flaring events in LS I+61°303 from RXTE Observations, T. Sarkar, S. K. Sarkar and A. Bhadra, Res. Astron. Astrophys. 16, 104 (2016)
5. Effects of the dark energy and flat rotation curve on the gravitational time delay of particle with non-zero mass, T. Sarkar, S. Ghosh, and A. Bhadra, Eur. Phys. J. C 76, 405 (2016)
6. Progenitor model of cosmic ray knee, B. Bijay and A. Bhadra, Res. Astron. Astrophys. 16, 6 (2016)

**1. Activities of COFAM, Dept. of Biotechnology, North Bengal University
In the year 2016-17**



Workshop on Vermi-compost and organic manure production

Date: 3rd August, 2016

Venue: CENT-RSETI, H.C ROAD, SILIGURI

No. of Participants:- 150

Workshop on integrated farming awareness camp

Venue: Khoribari- Panishali Gram Panchayet Hall, Khoribari

Date: August, 2016

No. of Participants:- 200



3. **Workshop on red lady Papaya and high density guava orchard**
Venue: COFAM
Date: 8th, August, 2016
No. of Participants:- 200



4.

District Level Seminar on Lilly Cultivation

Venue: COFAM, NBU

Date: 16th September, 2016

No. of Participants:- 75



5. Hands on Training on Livelihood generation through effective utilization of micro-plot by cultivating Horticultural Cash Crop.

Venue Training Hall, COFAM,

Date: 28th December, 2016

No. of Participants:- 85



6.

**NAAC VISIT OF NAAC EXPERTS IN COFAM
DATE: 22ND NOVEMBER, 2016**



7. **Technology intervention and dissemination through stall**
Assistant director of agriculture, Govt. of West Bengal
Matigara-Naxalbari Block
Date: 16-17 Jan,2017



8.

Workshop on Vegetable production in Greenhouse

Scheme: RKVY

Venue: W.B.C.A.D.C

Date: 20-30 Jan,2017

Visitors : 1000



9. **Outreach program & Sapling distribution to the poor and weaker section of the society of North Bengal**

Date :3/5/2017

No. of beneficiaries : 350



10. Women empowerment & Livelihood generating activities

Hands-on training on Oyster Mushroom production

Date: 12 Feb, 2017

Venue: Naxalbari

No. of Participants:85



11. **Visit of the trained Farmers to COFAM for gaining experience in Demonstration Units**
Date:28/07/2017
No. of Participants: 60



12. **Seminar on Organic multi cropping farming**
Venue: Rabindra Bhanu Manch
Date: 24 March, 2017
No. of Participants: 300





SUCCESS STORIES OF AGRIPRENEUR TRAINED BY COFAM



Name of Agriprenens
Mr. Rabindranath vaidya

Demonstrating product – Mr. Sumitra poddar, crop: strawberry, red lady papaya, capsicum



Agripreneurs: Mr.Chako Sebastian
Demonstrating product: Dragon
fruit



Papaya cultivation Mr Pavitra Roy
Under supervision of COFAM.



Uprising organic Farm developed
Under the supervision of COFAM.

ONGOING R & D IN COFAM

1. REASEARCH& DEMONSTRATION ON PEARL FARMING
2. SCALING UP OF VERMICOMPOST MANUFACTURE TO THE INDUSTRIAL LEVEL.



State of the Art Tissue Culture Activities Of COFAM



5. Basanta Utsab, Venue- Vidyasagar Manch, University of North Bengal	10-11 March 2017	
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2. Publication:

Name of the Author	Name of the Book/Journal/Volume	Year of Publication
Editor- Dr. Nikhilesh Ray	JOURNAL (Bairati) Volume-v	2016

3. 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	

4. Visiting Fellow:

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

5. Any other information - Award Received - NIL

CHAPTER - IV

UGC SPONSORED CENTRE

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 twelve members with the Vice-Chancellor as the Chairperson and the Director-member Secretary 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	Professor Subir Sarkar, Dean, Faculty Council for PG Studies in Science, University of North Bengal.	Member
3	Professor G. S. Nepal, Dean, Faculty Council for PG Studies in Arts, Commerce & Law, University of North Bengal.	Member
4	Professor Ananda Mukhopadhyay, Department of Zoology, University of North Bengal.	Member
5	Professor R. K. Samanta, Department of Computer Science & Application, University of North Bengal.	Member
6	Professor Prabir Kumar Sarkar, Department of Botany, University of North Bengal.	Member
7	Professor Usha Chakraborty, Department of Botany, University of North Bengal.	Member
8	Registrar (Officiating), University of North Bengal.	Member
9	Professor Dipak Ranjan Mal, Department of Chemistry, Indian Institute of Technology, Kharagpur.	Member
10	Professor Anup Sinha, Indian Institute of Management, Kolkata-700104.	Member
11	Sri Goutam Deb, Minister-in-Charge, North Bengal Development Department, Govt. of West Bengal, Siliguri	Member
12	Professor Soumitra De, Department of Political Science, University of North Bengal.	Director, IQAC & Member Secretary

IQAC is supported by the following Office Staff

Sri Nilkantha Biswas.

Sri Jyotirmoy Biswas.

Major activities/responsibilities undertaken during 2016-17:

1. IQAC took preparatory steps for NAAC visit in November 21-23, 2016.
2. IQAC has held 7th Meeting of IQAC, UNB.
3. IQAC prepared provisional Quality Benchmarks for Department & Offices.
4. IQAC has taken Students' Feedback on Teacher's Performance and teaching & Learning System.
5. IQAC calculated API score for direct recruitment in the Department of Tea Science.
6. Nine CAS meetings of the IQAC office have been organized during 2016-2017. The Recommendations of the meeting have been implemented.
7. IQAC held a meeting on 08.08.2016 to consider AQAR 2014-2015.

CHAPTER - V

CENTRAL SERVICES

ACTIVITIES OF THE AKSHAYA KUMAR MAITREYA HERITAGE MUSEUM

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.

Recent Important Acquisitions:

The Akshaya Kumar Maitreya Heritage Museum of North Bengal University has received the following artifacts during the period of 2016-2017.



Coin of Kuwait
Donor : Shamideep Dutta



Ancient Coin
Donor : Bijan Chatterjee



Hong Kong Coin
Donor : Laden Sherpa



Punch Marked Coin
Donor : Laden Sherpa



Coochbehar Coin
Donor : Neeraj Agarwal



Paper Currency of Saudi Arabia
Donor : Javed Akber



Paper Currency of Saudi Arabia
Donor : Javed Akber



Paper Currency of Hong Kong
Donor : Laden Sherpa

Workshop / Exhibition Programme :

Seminar / Conference attended:

Superintendent (Technical) of the Museum Mr. F. Rahaman had attended All India Museum Associations Conference at Ahmedabad organized by Shree Swaminarayan Museum.

Visitors:

NAAC (Cycle-3) team was visit the Museum on 22/11/2016. The members of the NAAC (Cycle-3) team had appreciated with the Museum for display objects, Museum cleaning & other activities.

A huge number of Indian and Foreign visitors, scholars, academicians, University, College & School students 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 for school work. More than 9,000 visitors were come to the Museum during this period (April, 2016 to March, 2017).

Publications :

1. Catalogue Part III for Coins of early Indian, British India and Native States etc. with photographs prepared by Prof. P.K. Bhattacharyya & F. Rahaman (in press).
2. Catalogue Part IV for Coins of Medieval India by Prof. P.K. Bhattacharyya & F. Rahaman (Manuscript already ready for printing).

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.

7. Name of the Non-Teaching Staff : The existing staff of the Centre for the period 2016-17

Name	Designation
A. Mukherjee	Head, Computer Centre (In additional charge)
Ratan Kr. Das	Jr. Computer Operator
Rajendra Nath Saha	Key Punch Operator

14. Any other information:

• **ICT facility of the Centre**

1. 1 Gbps leased line (1:1) under NMEICT project of MIRD

Under the project, the Computer Centre is provided with leased line (1:1) from BSNL for its main Campus at Raja Rammohumpur, Siliguri-13, w.e.f 2011-12

2. 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 fulfilment of user's demand for bandwidth.

3. Internet facility under 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.

4. 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.

5. Website up gradation of for the University of North Bengal (<http://www.nbu.ac.in>)

With deep involvement of the Centre and with full cooperation of some noted in-house experts, the University upgraded and replaced its own old website with the new one as in its present form with a dynamic and updated features.

6. 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.

• **Other Academic Activities:**

Include training & screening program like the following:

Sl No	FY	Organized by	No of participant	No. of resource persons	Name of the programme	Venue
1	2016	Microsoft with University of North Bengal	25	2	Saksham : Microsoft Skill Development Program for Teachers and Research Scholars	Computer Centre

OFFICE OF THE UNIVERSITY ENGINEER

❖ CONSTRUCTION & DEVELOPMENT WORK AT N.B.U.
FOR THE YEAR 2016-2017

Sl No.	Year	Name of the Project	Project Cost	Funding Agency	Remarks
1	16-17	"Improvement of remaining campus road by laying Mastic Asphalt including paver block pathway at N.B.U."	6,66,49,073=00	State Govt. Grant	Work is Completed

UNIVERSITY LIBRARY

1. Name of the Department : University Library
2. Year of Establishment : 1962
3. Library Hours : 10 a.m. to 5.30 p.m.
4. Library Service Open : Monday to Sunday (7 days except holidays)
5. Carpet Area (with Annex) : 2662.61 sq. mtr. + 445.52 sq. mtr.= 3108.13 sq. mtr.
6. Total Collection (as on 31.03.2017) : 2,99,546

7. Name of the Officer:

Sl. No.	Name	Designation
1	Sri Brindaban Karmakar	Joint Librarian & Librarian (In-Charge)
2	Sri Shubhrangshu Kumar Mistri	Assistant Librarian
3	Sri Santanu Chanda	Assistant Librarian (for Law Library)
4	Sri Manash Esh	Information Scientist

8. Library Access : Open Access & Closed Access
9. Library Security system : Monitoring under 70 numbers of Digital CCTV Surveillances systems
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 : INFLIBNET
14. Library Consortia : UGC INFONET CONSORTIUM
15. Library Web Portal (local) : <http://10.10.2.100/opac/opac.asp>
: <http://10.10.2.1/webopac/main.aspx>
16. Website : www.nbu.ac.in

17. Library Statistics :

Sl. No.	Particulars	2016-2017
	Total number of documents accessioned	2,99,546
I	Text Books	2,45,209
II	Reference Books	8,999
III	Rare Books	648
IV	Bound Periodicals	38,745
V	Theses	1,471
VI	Non-Print Materials	1,049
VII	Census	2,350
VIII	Reports	1,794

IX	Gazetters	180
X	Debates	201

18. Total number of documents added (during the Financial Year 2016-2017):

2016-2017	21,043
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19. Total expenditure for subscription of current Journals / Periodicals subscribed (during the Financial Year 2016-2017):

Session	Amount
2016-2017	₹ 1,35,81,012.00

20. Total number of current journals/periodicals subscribed (Financial Year 2016-2017):

Sl. No.	Journals	2016-2017 (as on 31.03.2017)
I	Indian	505
II	Foreign	117
III	Online	6
Total number of Journal Purchased		628

21. Total number of E-Journals / E-Periodicals available on On-line through UGC-INFONET Digital Library Consortium (during the Financial Year 2016-2017): More than 9,000 (approx.).

22. 1540 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 2016-2017) : The computerized membership database of all members of the University Library is being going on alongwith provision of barcode.*

25. *Total number of Data entered in the SOUL Database (during the Financial Year 2016-2017): 2,50,120*

26. *Existing number of users of online journal (during the Financial Year 2016-2017): 77, 285*

27. *Contribution to Union catalogue of INFLIBNET (during Financial Year 2016-2017) : The university library has contributed data of 2,00,400 documents with bibliographical details.*

28. Book budget (during the Financial Year 2016-2017):

Grant	2016-2017
RUSA Grant	₹ 1,80,00,000.00
State Grant	₹ 20,69,723.00
SAP	₹ 11,06,000.00
Others	₹ 12,80,000.00

29. Total number of students' members :

2016-2017	2375
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30. Total number of other members :

2016-2017	750
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31. Average issue/return of books (daily) :

2016-2017	257 (approx.)
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32. Average number of members visited daily in the library :

2016-2017	150 (approx.)
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33. Seating capacity the library:

2016-2017	150
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34. LIBRARY SERVICES :

- i. Bibliographic Service
- ii. Reference Service
- iii. Information Service
- iv. Reprographic Facilities
- v. Internet Facilities
- vi. Online Access to Selected Journals through UGC-INFONET
- vii. Database Search through INFLIBNET
- viii. Study and Research Support Service
- ix. Information Hub for Students, Teachers & Research Scholars
- x. Journals of National and International repute
- xi. Provision for Accessing the Rare Books
- xii. Lending facilities for books
- xiii. After processing the documents are being sent regularly to Seminar Libraries as required
- xiv. Display of Information regarding arrival of Books and Journals
- xv. OPAC and Web OPAC
- xvi. Career Guidance Service
- xvii. Resource Sharing/Inter Library Loan
- xviii. Reading facilities to Retired Teachers
- xix. User Orientation
- xx. Facilities for other colleges & Research Organizations
- xxi. Services extended to Jalpaiguri Campus
- xxii. Plagiarisms checking up of Theses / Dissertations / Articles.

UNIVERSITY SCIENCE INSTRUMENTATION CENTRE

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 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 Officers with designation (Session: 2015-2016)**

Sl. No.	Name	Designation
1.	Dr. Malay Kumar Das (w. e. f. 22.02.2013)	Head (Hony.)
2.	Mr. Gautam Sarkar	Technical Officer-II
3.	Mr. Tamal Sarkar	Technical Officer-I

- **Vacant Post: Officer-02** (Reference: F/MIS/45/2016/1026/FO-16, Dt:12-7-2016)

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

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

7. **Name of the Non-Teaching Staff (Session: 2016-2017)**

Sl. No.	Name	Designation
1.	Ranjit Kumar Talukdar (Retired on 31/10/2016)	Technical Assistant Grade-I
2.	Dr Biswajit Dutta	Junior Computer Operator
3.	A. Chettri	Senior Mechanic
4.	Harish Misra	Record Keeper
5.	Rajib Das	Office Assistant (Contractual)
6.	Krishna Roy	Group –IV (on daily wage basis)

- **Vacant Post: Non-Teaching -13** (Reference: F/MIS/45/2016/1026/FO-16, Dt:12-7-2016)

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	Summer Workshop on Electronic Band Structure Calculations and Hands-on Computation	Department of Physics, University of North Bengal, June 6-13, 2016	-----

Tamal Sarkar	National Seminar on Higher Education: Inclusive and Qualitative Growth vis a' vis Officers (NSHE-2016)	University of North Bengal, September 9, 2016	Impact of Cost-Recovery Measures on Quality of Higher Education
Tamal Sarkar	State-Level Seminar on Quality Assurance of Higher Education in India	A.P.C. Roy Government College, Siliguri	-----
Tamal Sarkar	National Workshop of Gravitational Wave Astronomy	November, 2-4, 2016 Dibrugarh University, Assam	-----
Tamal Sarkar	National Seminar on Trafficking in Persons: Prevention, Control and Rehabilitation	November, 26-27, 2016, University of North Bengal	-----
Tamal Sarkar	XII DAE-BRNS High Energy Physics Symposium	December, 12-16, 2016, Department of Physics and Astrophysics, University of Delhi	Behaviour of particles in different type of Spherically Symmetric Static Space-time around Black Holes metric using Pseudo-Newtonian Approach
Tamal Sarkar	Exploring the Cosmos:2016-17	January, 16-17, 2017, High Energy and Cosmic Ray Research Centre, University of North Bengal	Particle trajectories in Static Black Hole Spacetime
Tamal Sarkar	National Workshop on Recent Advances in Astrophysics and Cosmology	March 17-18, 2017, IUCAA Resource Centre (IRC), Physics Department, University of North Bengal	-----

10. Organized Special Lecture/Seminar/ Conference:

Name of the Seminar/Conference	Date of the Seminar/Conference	Topic
Special Lecture	8.11.2016, Lecture Hall, CMEF Building, USIC, NBU	Advancement of Bio-Medical Instrumentation: Prospects & Problems

11. Publication:

Name of the Author	Name of the BOOK/Journal/Volume	Year of Publication
Tamal Sarkar, Shubhrangshu Ghosh, Arunava Bhadra	<i>Effects of dark energy and flat rotation curve on the gravitational time delay of particle with non-zero mass.</i> European Physical Journal C 03/2016; 76(7). DOI:10.1140/epjc/s10052-016-4252-0, July 16,2016	2016
Shubhrangshu Ghosh and Tamal Sarkar and Arunava Bhadra	<i>Exact Relativistic Newtonian Representation of Gravitational static Spacetime Geometries.</i> The Astrophysical Journal 01/2016; 828(1), August 23, 2016	2016

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 serviced successfully (Repair, Fabrication, Design, Installation, Up-gradation etc.) by the USIC during the session:

SI No	Month & Year	No of Jobs	Break up Jobs under different Categories			
			Desktop	Laptop	Electronics & Electrical	Mechanical
1	APR '16	16	07	03	04	02
2	MAY '16	05	03	00	02	00
3	JUN '16	21	17	02	02	00
4	JULY '16	19	09	03	07	00
5	AUG '16	24	10	04	09	01
6	SEP '16	24	10	01	12	01
7	OCT '16	48	32	00	15	01
8	NOV '16	08	02	01	04	01
9	DEC '16	05	03	00	01	01
10	JAN '17	15	05	04	05	01
11	FEB '18	21	07	01	10	03
12	MAR '18	13	05	01	05	02

Major Equipment Facility:

Over the past few decades there has been an increase in interest for interdisciplinary education and research. At present, it has become an integral part of higher education and research in Science & Technology. Multidisciplinary research activities can blend diverse areas of knowledge, skills and experience to generate innovative solutions to many challenging problems. Multidisciplinary projects can and should be the springboard for fundamental disciplinary advances too. While getting funds for such major equipment by a single department or by an individual researcher is unlikely, subsequent installation, services and maintenance are even more challenging tasks in the present scenario. To keep pace with the state-of-the-art interdisciplinary education and research activities in Science & Technology, it is imperative for the University to be equipped with a number of major equipment. University Science Instrumentation Center (USIC) presently provides central facility

with sophisticated instruments. Our University authority with the able leadership of our present Vice-Chancellor has taken initiative to enhance the infrastructure of the centre. Recently, two major facilities like a LIQUID NITROGEN PLANT (LN₂) and a SCANNING ELECTRON MICROSCOPE (SEM) were purchased with the financial assistance from the RUSA fund keeping in mind the need of the research fraternity of the University.

Liquid Nitrogen Plant:

A centralized Liquid Nitrogen Plant (StirLITE Liquid Nitrogen Plant of Stirling Cryogenics, DH Industries BV, Netherlands) has been installed at USIC this financial year. Importantly, the Liquid Nitrogen is constantly required to run NMR machine (Bruker 300 MHz) installed at the Chemistry Department of our University as well as different users associated with the research work in different research laboratories of the Universities. Now, after successful installation of Liquid Nitrogen Plant, USIC is in position to supply the adequate Liquid Nitrogen required for this machine and supplied more than 1000 litres in this financial year.

Scanning Electron Microscope:

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 under process. It is hoped that after installation USIC can provide this facility to various departments in the University, affiliated colleges and also to the industrial community of this region.

UNIVERSITY PRESS

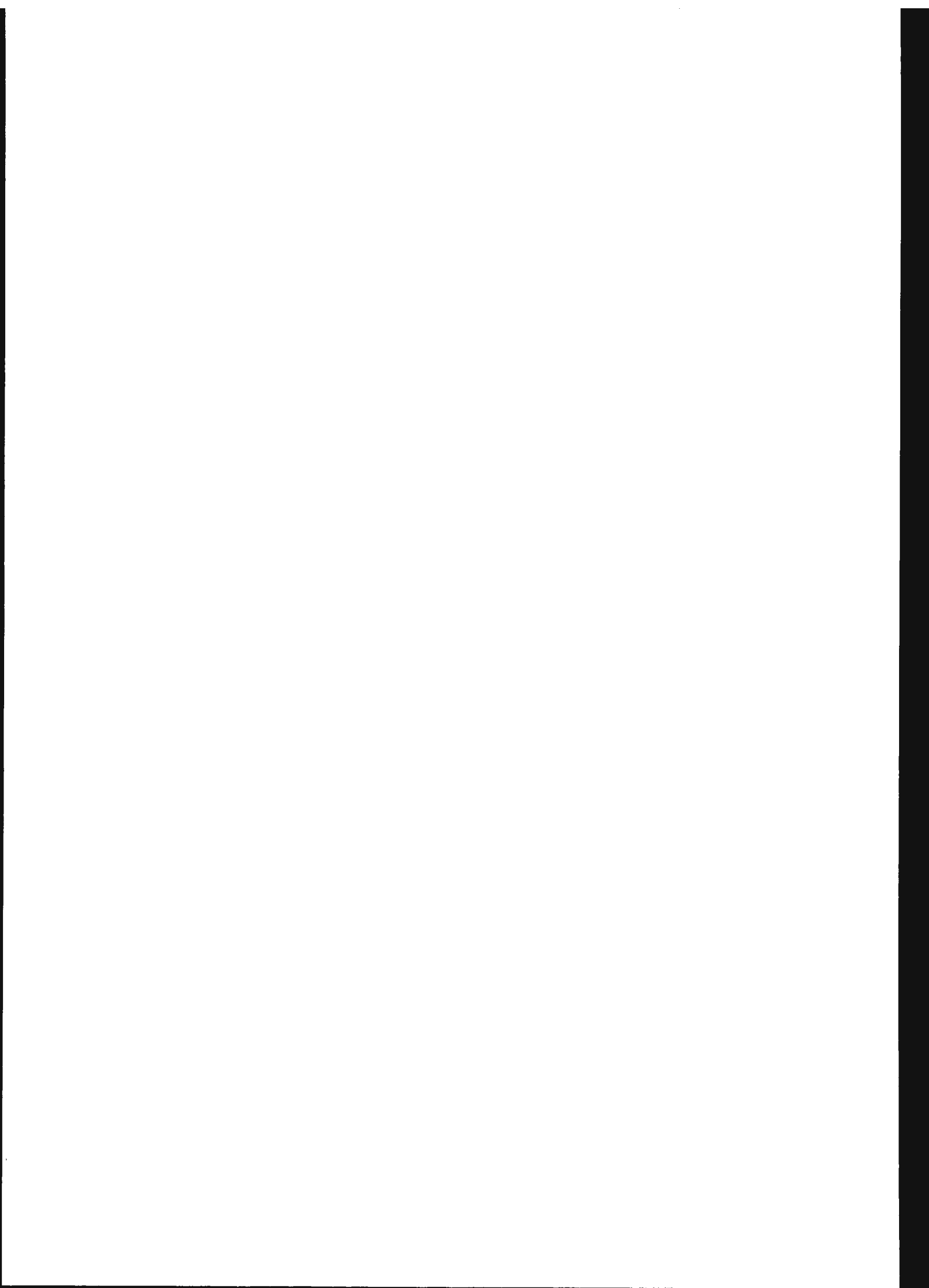
Established in the year of 1972

The University Press has been successfully engaged in printing journals of various departments like Law, Zoology, Political Science, History, Philosophy, Nepali, Sociology, Commerce, Hindi, Botany, Local Language, Geography, Centre for Women Studies, Economics, Anthropology, etc. and Books of various departments like Law, Nepali, Geography, Sociology, Centre for Himalayan Studies etc. besides printing of routine jobs, Answer Scripts and Loose Sheets of under graduate and post graduate examinations. Study materials of Directorate of Distance Education, abstracts and other materials of various seminars, Newsletters and different reports of the University.

University Press has successfully completed & delivered various reports and other printing materials of various departments in relation to NAAC Cycle 3.

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 219 indents (job orders) and during these period University Press has earned Rs. 25,22,712.00.



CHAPTER - VI

SERVICES AND AMENITIES

BASIC FACILITIES FOR WOMEN

Co-ordinator : Prof. (Dr.) Manjula Bera, 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. A 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 use the rooms 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 above mentioned things during the working hours.

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. Recently the girl students of other departments use this room more times.

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

The University Authority uses this room as a venue for Competitive Examinations like BSF, JEE etc. minimum two times during the whole year.

CENTRE FOR DIFFERENTLY ABLED PERSONS

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 ~~Faculties~~ / 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 centre was attended by four children but during the period (2016-2017) only one children used to come on regular basis.

The centre is now a fully equipped facility for the children of teachers and University. Several teachers and employees have availed the facility during the last five years.

At present, one women on casual basis is working in the centre to look after the children.

COACHING CENTRE FOR SC/ST STUDENTS NATIONAL ELIGIBILITY TEST (NET)

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 **2016-2017 Batch – I (session: April to May 2016)** including Seventeen more Department i.e. Bengali, Law, Sociology, Philosophy, Commerce, Nepali, Hindi, Economics, Political Science, English, History, Anthropology, Geography, Computer Science, Library Science, Chemistry, Mathematics overall **students 347**. In **2016-2017 Batch – II (session : August 2016 to December 2016)** including Twenty three Department i.e. Anthropology, Bengali, Centre for Himalayan Studies, Commerce, Computer Science, DLLE, Economics, English, Geography, Hindi, History, Law, Library Science, Mass Communication, Nepali, Philosophy, Political Science, Sociology, 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 2016-2017

Batch – I

Session : April 2016 to May 2017

General Paper (Paper – I)

1. Sri Arindam Basak
2. Sri Varun Kr. Roy
3. Sri Rakesh Kr. Mandal
4. Sri Ardhendu Mandal
5. Sri Sudesh Lama
6. Sri Manaranjan Singha

Subject Paper : (Paper II & III)

Department of Bengali:

1. Prof. Subodh Kr. Jash
2. Prof. Nikhil Ch. Ray
3. Prof. Utpal Mandal
4. Dr. Dipak Kr. Roy

Department of History:

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

Department of English:

1. Sri Pinaki Ranjan Das (R.S.)
2. Sri Subhasish Bhattacharya (R.S.)

Department of Philosophy:

1. Dr. Laxmikanta Padhi
2. Dr. Nirmal Kr. Roy

Department of Nepali:

1. Sri Basudeo Thapa

2. Sri Dipesh Lama (R.S.)
3. Smt Saraswati Mohara (R. S.)
4. Sri Balaram Sapkota (R.S.)
5. Sri Dup Tshering Lepcha (R.S.)
6. Sri Bikram Biswakarma (R.S.)

Department of Law:

1. Dr. Om Prakash Sharma
2. Sri Sanyukta Moitra
3. Smt. Soma Dey Sarkar
4. Md. Maazul Haque

Department of Hindi:

1. Dr. Manisha Jha
2. Dr. Sunil Kr. Dwivedi

Department of Geography:

1. Dr. Deepak Kr. Mandal
2. Dr. Sudip Kr. Bhattacharya
3. Dr. Ranjan Roy
4. Dr. Snchashish Saha
5. Sri Arindam Basak

Department of Computer Science:

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

Department of History:

1. Dr. Saptarshi Ghosh
2. Mr. Tapan Barai

Department of Mathematics:

1. Sri Manaranjan Singha
2. Sri Prodip Majhi
3. Ms. Nita Tamang
4. Sri Kapil Roy (R.S.)

Department of Chemistry:

1. Sri Subhadeep Saha (R.S.)
2. Smt. Bijeta Mitra (R.S.)
3. Sri Pranish Bomzan (R.S.)
4. Sri Debasish Sengupta (R.S.)
5. Smt. Suchandra Bhattacharya (R.S.)

No. of students appeared 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
Bengali	39	05	19	20	83	10	-	05	08	23
Law	01	-	01	01	03	-	-	-	-	-
Sociology	06	02	02	01	11	01	-	-	-	01

Philosophy	11	01	03	07	22	05	-	-	02	07
Commerce	-	-	01	02	03	-	-	-	-	-
Nepali	-	01	01	04	06	-	-	-	01	01
Economics	-	-	01	02	03	-	-	-	-	-
English	05	-	-	01	06	01	-	-	-	01
Hindi	06	14	06	25	51	01	02	01	05	09
Computer Science	05	02	04	13	24	01	-	01	03	05
Geography	06	-	05	10	21	02	-	02	04	08
Anthropology	-	-	-	10	10	-	-	-	03	03
Political Science	08	02	05	06	21	02	-	01	02	05
History	20	09	11	11	51	09	01	02	04	16
Library Science	03	01	04	06	14	-	-	-	-	-
Mathematics	03	-	02	03	08	-	-	-	01	01
Chemistry	04	-	03	03	10	01	-	01	01	03
Total -	117	37	68	125	347	33	03	13	34	83

For the year 2016-2017
Batch – II
Session: August 2016 to December 2016

General Paper (Paper – I)

1. Sri Rakesh Kr. Mandal
2. Sri Varun Kr. Roy
3. Sri Ardhendu Mandal
4. Sri Arindam Basak
5. Sri Sudesh Lama
6. Dr. Manaranjan Singha
7. Dr. Biswajit Singha
8. Dr. Dhiraj Saha

Subject Paper: (Paper II & III)

Department of Anthropology:

1. Dr. Jaydip Sen
2. Dr. Samar Kr. Biswas
3. Dr. Pinak Tarafdar

Department of Bengali:

1. Prof. Subodh Kr. Jash
2. Prof. Nikhil Ch. Ray

Department of Chemistry:

1. Smt. Suchandra Bhattacharya (R.S.)
2. Sri Prasun Choudhury (R.S.)
3. Sri Kanak Roy (R.S.)
4. Sri Bijay Barman (R.S.)
5. Smt. Puja Basak (R.S.)
6. Sri Subhadeep Saha (R.S.)

Department of Computer Science:

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

Department of Geography & Applied Geography:

1. Dr. Deepak Kr. Mandal
2. Dr. Ranjan Roy
3. Dr. Sudip Kr. Bhattacharjee
4. Dr. Snehasish Saha
5. Sri Arindam Basak

Department of Hindi:

1. Dr. Sunil Kr. Dwivedi
2. Dr. Manisha Jha

Department of History:

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

Department of Law:

1. Dr. Om Prakash Sharma
2. Smt. Soma Dey Sarkar
3. Smt. Sanyukta Maitra

Department of Mathematics:

1. Dr. Manoranjan Singha
2. Smt. Nita Tamang
3. Smt. Chaiti Ghosh (R.S.)
4. Sri Kapil Roy (R.S.)

Department of Nepali:

1. Sri Dipesh Lama (R.S.)
2. Sri Basudeo Thapa
3. Sri Dup Tshering Lapcha (R.S.)
4. Sri Bikram Biswakarma (R.S.)

Department of Zoology:

1. Dr. Dhiraj Saha

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
DILE	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

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. In the session from March 2016 to May 2016, in the Departments of Bengali, Economics, Hindi remedial coaching classes were organized and an additional Remedial course in Communicative English were conducted selecting students from all departments of the University with overall students of 137 from all the departments. In the session from September 2016 to December 2016, in the Departments of History, Philosophy, Bengali, Hindi remedial coaching classes were organized and an additional Remedial course in Communicative English were conducted selecting students from all departments of the University with overall students of 299 from all the 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. Names of teachers and areas in which they impart instructions are listed below:

For the Year 2016 -2017

Communicative English

1. Dr. M. Chakraborty
2. Ms. Priyanka Chatterjee

Department of Philosophy

1. Prof. R. N. Ghosh
2. Dr. L. K. Padhi
3. Dr. Nirmal Kr. Roy
4. Dr. Anirban Mukherjee
5. Mr. N. Ramthing

Department of History

1. Dr. B. Kr. Sarkar
2. Mrs. Anita Bagchi
3. Ms. D. Bhattacharya
4. Mr. Sudash Lama

Department of Economics

1. Ms. Sudakshina Roy

2. Mr. Kanchan Dutta
3. Mr. T. R. Majumdar
4. Dr. S. R. Mukharjee
5. Sri. Karan Tamang
6. Sri. G. Chowdhury
7. Prof. K. K. Bagchi

Department of Bengali

1. Prof. S. K. Jash
2. Dr. N. Roy
3. Dr. Dipak Kr. Roy
4. Prof. M. Bera
5. Dr. Utpal Mondal

Department of Hindi

1. Dr. S. K. Dwivedi
2. Dr. Manisha Jha

ENROLMENT OF STUDENTS

Session: March 2016 to May 2016

	SC Students	ST Students	OBC Students	GEN Students	Total
1. Remedial Course in Communicative English	12	01	07	06	26
2. Bengali (Semester - II)	22	02	12	15	51
3. Economics (Semester- IV)	02	01	04	09	16
4. Hindi (Semester- II)	04	12	05	12	33
(Semester-IV)	01	01	01	08	11

Session: September 2016 to December 2016

	SC Students	ST Students	OBC Students	GEN Students	Total
1. Remedial Course in Communicative English	66	00	00	00	66
(Section A)	19	05	31	11	66
(Section B)					
2. History (Semester - I)	21	02	07	02	32
3. Philosophy (Semester- I)	21	01	02	02	26
4. Bengali (Semester - I)	17	01	13	17	48
5. Hindi (Semester - I)	06	05	06	12	29
(Semester - III)	04	12	06	10	32

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.

Presently, Coaching classes are held in their respective Departments and classes for communicative English are held in room No. 104 in Humanities Building.

**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 : $49^{SC} + 23^{ST} + 23^{OBC} + 40^{IEN} = 135/-$ Students

	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		
			OBC	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	49	23	23	40	6* Names given below	70 classes of one hour duration	2 Tests (one Viva)	Not Known	Some qualified but exact no. not Known	Not Known
Coaching for SSC, Group B & Group C	The Same Group was also Coached for SSC							Many Passed SSC and other examinations, but exact figure is not with the Coaching Centre.		

*Names of Teachers: 1) Dr. Arun K. Jana, 2) Dr. Ramesh Dural, 3) Sri Debaditya Chakraborty
 4) Dr. Kanak Baishya, 5) Sri Sanjay Datta, 6) Avijit Sutdhar.

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 01.04.16 to 31.03.17.

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 929.
3. Total amount of earnings from the services at the Clinical Pathology Laboratory were Rs.88,564/-.
4. Number of Samples investigated at the Clinical Pathology Laboratory was 4668.
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 7th year **Cycle Safari Programme** for 3 days during 15th to 17th March, 2017. Twenty-nine Students from different Colleges under University of North Bengal were chosen through a Selection trial conducted by the Sports Board, NBU. The Cycle Safari team covered (around 230 kms.) of two districts (i.e. Darjeeling, Jalpaiguri). The said team visited 5 Colleges under the Jurisdiction of University of North Bengal and circulated the 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 21st to 23rd March, 2017. The University Trekking team with 57 students (30 Boys + 27 Girls) participated in the said programme. Separate Girls & Boys team trekked 9.5 kms from Pathharjhura to Pubum stayed at Pubum overnight and returned back by the same route.

2. INTER UNIVERSITY TOURNAMENTS

ATHLETICS

The three (3) membered NBU Athletics team participated in the **77th All India Inter University Athletics Meet 2016-17**. **Anna University** hosted the All India Inter University Athletics Meet 2016-17 from 11th January to 16th January, 2017 at Chennai, Coimbatore.

Smt. Anwesha Roy Pradhan of Ananda Chandra College achieved Silver Medal in the said National Level Competition by securing second position in 200m Sprint (Women) event for the University.

BADMINTON (M&W)

The East Zone Inter University Badminton Tournament held at **KIIT, Bhubaneswar** from 9th to 12th October, 2016. The University Badminton team lost in the Pre-Quarters against Calcutta University.

CRICKET (M)

The NBU Cricket team participated in the East Zone Inter University Cricket Tournament for the year 2016-17 held at **Vidyasagar University, Midnapore** during 5th January to 19th January 2017. The University Cricket team lost in the first match against M.G.Kashi Vidyapith, Varanasi.

FOOTBALL (M)

The East Zone Inter University Football (M) Tournament 2016-17 organised by **Vidyasagar** during 2nd February to 9th February, 2017. The University Football team lost in the close contested match in the **Quarter Final level against Burdwan University.**

KHO-KHO (M)

The **East Zone Inter University Kho-Kho (M) Tournament 2016-17** was organized by **Vidyasagar University** during 24th to 28th February, 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.

KHO-KHO (W)

The **East Zone Inter University Kho-Kho (W) Tournament** 2016-17 was organized by **Viswa Bharati, Shantiniketan** during 29th January to 1st February, 2017. The University Kho-Kho (W) Team lost in the **Quarter Final Match**.

TABLE TENNIS (M & W)

The East Zone Inter University Table Tennis Tournament held at **KIIT University, Bhubaneswar** from 9th to 12th October, 2016. The University of North Bengal Women's Team secured 4th and the Men's Team secured the 3rd Position in the said Tournament and qualified for the All India Inter University Tournament.

KABADDI (M)

The NBU Kabaddi men team participated in the **East Zone Inter University Tournament** for the year 2016-17 held at **V.B.S.Purvanchal University, Jaunpur** during 3rd to 9th December 2016. The University Kabaddi team lost in the second match against Burdwan University.

KABADDI (W)

The NBU Kabaddi women team participated in the East Zone Inter University Tournament for the year 2016-17 held at **M.G.Kashi Vidyapith, Varanasi**, during 20th to 24th November 2016. The University Kabaddi team lost in the first match against **L.N.Mithila University**.

3. INTER COLLEGE TOURNAMENTS

ATHLETICS (M&W)

The 48th **Inter College Athletic Meet 2016-17** was organized by Sports Board in association with the **Jalpaiguri District Sports Association, Jalpaiguri** at their Complex ground on 29th & 30th November 2016. Sixteen Colleges participated in the said Athletic Meet. **Ananda Chandra College & Falakata College** picked-up the championship titles in Women section & in the Men's section respectively. **Maynaguri College** won the Runners-up title in both Men's & Women's section. The award of Best Athletes for the year 2016-17 were given to **Sri Prabir Roy** and **Smt. Anwesha 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 2016-17 was organized by the Sports Board at Khela Ghar, NBU Campus on 4th & 5th September, 2016. In the team Championship, **St. Joseph's College, Darjeeling** won the title beating **Suryasen Mahavidyalaya** by (3-0) in the final. In the Individual Category, **Sri Jaydeep Saha** of **Falakata College** became Champion and **Sri Nehal Darnel** of **St. Joseph's College** was the Runner-up. In the Women's section, **Smt. Sofrian Pradhan** of Salesian College (Siliguri Campus) won the Individual title beating **Smt. Sabrina Dewan**, of N.B.St. Naviers College.

FOOTBALL (M)

Daju Sen Memorial Inter College Football (M) Tournament was organized by the **Sukanta Mahavidyalaya**, at the Municipality Ground and the College Foot-ball ground from 13th September to 1st September, 2016. Twenty-four Colleges have participated in the said tournament. The **Sukanta Mahavidyalaya** won the trophy beating the **Falakata College** in the final. **Sri Jyotish Roy** of Sukanta Mahavidyalaya 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 27th September, 2016. **Maynaguri College** won the Championship Trophy beating **Falakata College** in the Final. Ten Colleges took part in the said Tournament. **Smt Nilima Roy** of Maynaguri College was selected for the Best Player award.

KABADDI (M)

The Sports Board, NBU organized the **4th Inter College Kabaddi (Men) Tournament in the NBU Sports Board complex**. The Competition was organised on 28th September, 2016. **Saheed Kshudiram College** won the Championship Trophy beating **Falakata College** in the Final. Ten Colleges took part in the said Tournament. **Sri Chitan Das** of **Saheed Kshudiram College** was selected for the Best Player award.

TABLE TENNIS (M) & (W)

The S.P.Roy Memorial Inter College Table Tennis Tournament, 2016-17 was held at Khela Ghar, NBU Campus on 8th & 9th September, 2016. Eleven Colleges took part in the said Tournament. In the team event, the **Siliguri College** secured the Championship title beating the **Siliguri College of Commerce**, by 3-2.

In the Individual (Men) section **Sri Subhankar Sarkar** (Siliguri College) became the winner beating **Sri Sayantam Dasgupta** (Siliguri College of Commerce) & in the Women category, **Smt. Anewsha Dutta** (Siliguri College) became the winner beating **Smt. Shyamali Sarkar** of (Suryasen Mahavidyalaya).

VOLLEYBALL(M)

The **Inter College Volley-ball Tournament 2016-17** was organized by the **Ananda Chandra College**, Jalpaiguri on 22nd & 23rd September 2016. Nineteen Colleges participated in the said Tournament. **Sukanta Mahavidyalaya** the championship title by defeating **Ananda Chandra College**, in the final Match. **Shri Ujjal Sarkar (Sukanta Mahavidyalaya)** was selected as Man of the Match in the final Match.

CRICKET (M)

The **Kiran Chandra Memorial Inter College Cricket Tournament** for the year 2016-17 was organized by **Sports Board, NBU** during 04th to 10th March, 2017 at the **NBU Campus**. fourteen Colleges took part in the said Tournament. **Falakata College** has won the Champion trophy beating **Siliguri College** in the Final. The Man of the Final Match award was given to **Md. Akram Raza** of **Falakata College**.

KHO-KHO (M&W)

The **Panu Dutta Majumder Memorial Inter College Kho-Kho (M/W) Tournament 2016-17** was organized by **Falakata College** on 13th & 14th January, 2017. **Falakata College** clinched the Champion trophy by beating **Ananda Chandra College** in the Men's Final. **Surajit Das** of **Falakata College** secured the Man of the Final title.

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

4. COACHING CAMPS

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 16-17.

CHAPTER - VII

DISTANCE EDUCATION

DIRECTORATE OF DISTANCE EDUCATION

1. **Name of the Department** : Directorate of Distance Education

2. **Date of Establishment** : 2000

3. **Introduction of the Department** :

The University of North Bengal to its voyage of distance mode of learning in the year 2000 to widen the scope of higher education for the students of all section of the society. The Directorate of Distance Education has offered M.A. in Bengali, English, History, Philosophy, Political Science, Mathematics and Nepali. The Distance Education Council of India, the apex body that gives recognition to the institutions which provides distance mode of learning, has given recognition to the University of North Bengal to run distance mode courses till the academic year 2012-13. Recently the University Grants Commission Distance Education Bureau (UGC-DEB, new regulatory authority for DE mode) has extended the recognition of the Directorate, for the academic year 2013-14. The Govt. of West Bengal has issued Orders/Notifications to the effect that Degrees obtained through Distance Education/Correspondence modes shall be treated at par with those in the formal/regular modes.

4. **Name of the Faculty** :

Professor	Associate Professor	Assistant Professor	Subject
Nil	Nil	Vacant	Political Science
		Vacant	Nepali
		Vacant	Mathematics
		Mrs. Priyanka Chatterjee	English
		Vacant	Bengali
		Vacant	History
		Vacant	Philosophy

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

Name	Designation
Mr. Raju Roy	Deputy Director
Dr. Debabrata Deb	Assistant Director
Ms. Chirasree Majumder	Distance Learning Facilitator
Sri Pratap Kanungoe	Accountant
Sri Ranjit Singha	Office Assistant
Sri Palash Pal	Office Assistant cum Computer Operator
Sri Ujjal Sarkar	Office Assistant cum Computer Operator
Sri Pravat Kr. Yadav	Office Assistant
Md. Sahidul	Office Attendant
Sri Biman Ranjan Roy	Office Attendant
Sri Rabi Singha	Office Attendant
Sri Dinesh Saha	Library Attendant
Sri Ankur Das	Library Attendant
Sri Sanjit Roy	Office Attendant
Sri Laban Kishan Millick	Sweeper

6. **Student Strength** : (1st April 2016 to 31st March 2017)

Part	Male	Female	Total
Part-I	216	701	917
Part-II	166	636	802

7. **Publication** :

Name of the Author	Name of the Book/Journal/Volume	Year of Publication
Mrs. Priyanka Chatterjee	Journal of Women Studies, University of Kalyani, West Bengal	2016
	Middle Flight, ISSN-2319-7684 Volume 5, no. 1	2016

8. **Any Other Information** :

Details of affiliations and Recognitions obtained from various regulatory bodies including UGC for distance education programmes.

The Directorate of Distance Education, time to time, obtained recognition from regulatory bodies like Distance Education Council (DEC) and later Distance Education Bureau, University Grants Commission (UGC-DEB).

Renewal of Regular Recognition: UGC-DEB gave permission for continuation of recognition as per status quo for the academic years 2013-14, 2014-15, 2015-16, 2016-17 and 2017-18.

CHAPTER - VIII

**HUMAN RESOURCE
DEVELOPMENT CENTRE**

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 Ilakim	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 : 3 OPs, 6 RCs & 3 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).



CHAPTER - IX

GENERAL ADMINISTRATION

CONTROLLER OF EXAMINATION BRANCH

The principal responsibility of the office of the Controller of Examinations has been the 'gate keeping of the wisdom of the University'. As per statute, this office is primarily assigned with the responsibility of conducting of examinations of all kinds of P.G., U.G., Diploma, Certificate Programmes of the University of North Bengal. Altogether, this office has to conduct 179 types of examinations annually, thereby, catering to around 2,00,000 students per year.

Over the years, this office has experienced a complete overhauling. Reforms have been brought about in the methods of the conduct of examinations, and the evaluation process has been computerized.

The impact of the practice so far adopted has ushered in tremendous quantitative and qualitative changes. Results of all examinations have been published within the reasonable time frame. On-the-spot evaluation, introduced since 2000, has been one of the important causes of bringing regularity in publication of results.

Resultantly, the commencement of the Academic Session has been made regular. Since the examinations are held strictly on the basis of Academic Calendar, a minimum of 180 teaching days have been ensured in the Colleges as well as in the University Departments. Involvement of the teachers has been assured. Computerized examination process has made the system almost error free. Fairness and transparency have been assured. Ordinarily, evaluated examination scripts are made open to public scrutiny. At present, the Examination Branch has been working on the implementation of the CGPS system for both P.G. as well as U.G. examinations.

INFORMATION FOR ANNUAL REPORT 2016-17 **(Covering the Examinations during the period from 1st April, 2016 to 31st March, 2017)** **(System of Examination - Annual)**

Statement of U.G. Examinations, 2016

Sl. No.	Subject	Appeared	Passed	Percentage	Examination completed on	Date of Publication of Result
01.	B.A. Part I (Honours)	12871	7491	58.20	20.07.2016	23.09.2016
02.	B.A. Part II (Honours)	10392	8778	84.46	20.07.2016	23.09.2016
03.	B.A. Part III (Honours)	9190	7870	85.63	08.06.2016	30.07.2016
04.	B.Sc. Part I (Honours)	2045	1135	55.51	20.07.2016	23.09.2016
05.	B.Sc. Part II (Honours)	1596	1362	85.36	20.07.2016	23.09.2016
06.	B.Sc. Part III (Honours)	1116	933	83.60	08.06.2016	30.07.2016
07.	B.Com. Part I (Honours)	1281	783	61.11	20.07.2016	23.09.2016

08.	B.Com. Part II (Honours)	809	624	77.08	20.07.2016	23.09.2016
09.	B.Com. Part III (Honours)	875	816	93.25	08.06.2016	30.07.2016
10.	B.A. Part I (General)	47687	21106	44.26	20.07.2016	23.09.2016
11.	B.A. Part II (General)	34670	27296	78.73	20.07.2016	23.09.2016
12.	B.A. Part III (General)	32111	17535	54.60	08.06.2016	30.07.2016
13.	B.Sc. Part I (General)	1333	813	60.96	20.07.2016	23.09.2016
14.	B.Sc. Part II (General)	796	690	86.65	20.07.2016	23.09.2016
15.	B.Sc. Part III (General)	466	412	88.41	08.06.2016	30.07.2016
16.	B.Com. Part I (General)	2683	1307	48.70	20.07.2016	23.09.2016
17.	B.Com. Part II (General)	1300	1117	85.95	20.07.2016	23.09.2016
18.	B.Com. Part III (General)	1009	784	77.70	08.06.2016	30.07.2016
19.	B.A.,LL.B. (Honours)	61	61	100	20.07.2016	29.08.2016
20.	B.A.,LL.B. (General)	75	74	98.67	16.07.2016	29.08.2016
21.	B.B.A.,LL.B.	06	06	100	18.07.2016	29.08.2016
22.	B.Com.,LL.B.	03	03	100	18.07.2016	29.08.2016
23.	LL.B. (3 Years)	25	19	76	20.07.2016	29.08.2016
24.	B.Ed.	13	13	100	-	05.10.2016
25.	B.P.Ed.	16	16	100	28.06.2016	02.08.2016
26.	B.C.A. 6 th Semester	67	56	83.58	12.07.2016	26.07.2016
27.	B.B.A. 6 th Semester	156	89	57.05	27.07.2016	17.08.2016
28.	BLIS	48	48	100	25.07.2016	10.08.2016

INFORMATION FOR ANNUAL REPORT 2016-17
(Covering the Examinations during the period from 1st April, 2016 to 31st March, 2017)
(System of Examination - Semester)

Statement of P.G. Examinations, 2016

Sl. No.	Subject	Appeared	Passed	Percentage	Examination commenced on	Examination completed on	Date of publication of results
P.G. (Regular)							
01	Anthropology	07	07	100	01.07.2016	22.07.2016	01.08.2016
02	Bengali	149	149	100	04.07.2016	22.07.2016	16.09.2016
03	Biotchnology	06	06	100	01.07.2016	08.07.2016	17.08.2016
04	Botany (N.B.U.)	29	29	100	05.07.2016	22.07.2016	10.08.2016
05	Botany (D.G.C.)	25	25	100	21.11.2016	30.11.2016	11.02.2017
06	Chemistry	48	48	100	02.07.2016	09.07.2016	12.08.2016
07	Commercc	53	42	79.24	01.07.2016	23.07.2016	14.09.2016
08	Computer Science	06	06	100	11.07.2016	22.07.2016	07.09.2016
09	Economics	27	27	100	02.07.2016	26.07.2016	17.09.2016
10	English	137	128	93.43	05.07.2016	21.07.2016	30.08.2016
11	Geography & Applied Geography	69	69	100	08.07.2016	23.07.2016	09.08.2016
12	Hindi	24	24	100	04.07.2016	19.07.2016	01.08.2016
13	Hhistory	79	75	94.93	02.07.2016	28.07.2016	05.10.2016
14	L.L.M.	12	11	91.66	23.05.2016	31.05.2016	09.08.2016
15	M.C.A. Semester VI	12	11	91.66	26.05.2016	27.05.2016	20.07.2016
16	Mass Communication	14	13	92.85	05.07.2016	16.07.2016	08.08.2016
17	Mathematics	49	45	91.83	01.07.2016	23.07.2016	24.08.2016
18	Microbiology	15	14	93.33	01.07.2016	22.07.2016	10.08.2016
19	Nepali	74	69	93.24	05.07.2016	28.07.2016	14.09.2016
20	Philosophy	47	41	87.23	01.07.2016	25.07.2016	30.08.2016
21	Physics	34	24	70.59	02.07.2016	21.07.2016	01.09.2016
22	Political Science	65	60	92.30	09.07.2016	23.07.2016	17.11.2016

23	Rural Development	25	23	92	12.07.2016	22.07.2016	21.10.2016
24	Sanskrit	37	37	100	05.07.2016	22.07.2016	21.09.2016
25	Sociology	15	11	73.33	05.07.2016	22.07.2016	17.08.2016
26	Strategic & Area Studies	05	03	60	05.07.2016	18.07.2016	01.08.2016
27	Tea Science	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
28	Zoology (N.B.U.)	29	29	100	01.07.2016	21.07.2016	08.08.2016
29	Zoology (D.G.C.)	21	21	100	23.11.2016	08.12.2016	11.02.2017
30	M.B.A.	29	29	100	09.05.2016	25.05.2016	22.06.2016
31	M.L.I.S.	33	33	100	28.07.2016	07.08.2016	07.09.2016
32	P.G.D.T.M.	23	17	73.91	08.08.2016	24.08.2016	05.10.2016

INFORMATION FOR ANNUAL REPORT 2016-17
(Covering the Examinations during the period from 1st April, 2016 to 31st March, 2017)

Statement of P.G. Examinations, 2016

P. G. (Distance Education), 2016
(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 completed on			
01.	Bengali	16.03.2017	25.03.2017	10.08.2017	404	83.42%
02.	English	16.03.2017	25.03.2017	28.07.2017	294	89.46%
03.	History	16.03.2017	25.03.2017	29.07.2017	343	90.96%
04.	Mathematics	16.03.2017	27.03.2017	03.08.2017	23	100
05.	Nepali	16.03.2017	24.03.2017	28.07.2017	68	74.47%
06.	Philosophy	16.03.2017	24.03.2017	22.08.2017	79	77.21%
07.	Political Science	16.03.2017	24.03.2017	27.07.2017	170	91.76%

UNIVERSITY OF NORTH BENGAL
RAJA RAMMOHANPUR, DARJEELING
CONSOLIDATED RECEIPTS & PAYMENT ACCOUNT
For the year ended 31.3.2017

Receipts	Sched- ule	Amount (Rs.)	Previous Year (Rs.)	Amount (Rs.)	Current Year (Rs.)	Payments	Sched- ule	Amount (Rs.)	Previous Year (Rs.)	Amount (Rs.)	Current Year (Rs.)
To Opening Balance:				32,272.00		By Revenue Payments	1		736,172,966.39		724,090,083.70
Cash in Hand						By Capital Payments	1		151,804,238.00		166,772,355.00
Cash at Bank	5	472,081,369.77		473,178,658.84		By Loans & Advances	2		43,153,340.11		47,125,029.57
Treasury	6	219,203,442.09		231,952,486.09		By Payments on Projects	3		40,718,150.00		34,270,416.00
SST Collection A/c		559.50	692,185,371.30	559.50	710,163,956.42	By Investment	7		2,138,551,060.00		1,795,152,735.00
To Revenue Receipts	1		1,012,409,387.93		912,689,181.50	By Current Liabilities	4		166,664,738.50		159,600,473.00
To Capital Receipts	1		266,898,439.00		277,129,214.00	By Loan (Liability)	5				
To Recovery of Advances	2		46,289,304.00		43,755,325.57	By Capital Work-in-Progress	10		142,260,259.00		181,928,738.00
To Receipts on Projects	3		50,918,515.50		42,185,398.50	By Closing Balance					
To Investments	7		1,884,724,062.00		1,781,311,819.00	Cash in Hand	6	32,272.00			
To Current Liabilities	4		176,613,488.54		190,945,533.04	Cash at Bank	6	472,081,369.77		599,175,369.18	
To Loan (Liability)	5		-		-	Treasury	6	219,203,442.09		250,047,649.09	
						SST Collection A/c		559.50	710,163,956.43	559.50	849,224,577.77
			4,129,518,768.39		3,958,172,408.04				4,129,518,768.39		3,958,172,408.04

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 BALANCE SHEET
AS ON 31/03/2017

LIABILITIES	Sched ule	Previous Year (Rs.)	Amount (Rs.)	Current Year (Rs.)	ASSETS	Sched ule	Amount (Rs.)	Previous Year (Rs.)	Amount (Rs.)	Current Year (Rs.)
General (Main) Fund - NBU					Fixed Assets	8		939,250,445.31		1,270,172,610.31
Revenue		49,380,590.79		55,135,747.79						
Capital		220,059,894.83		189,101,160.83						
General (Main) Fund - NBUMC					Capital Work-in-Progress	10		293,144,437.00		229,731,226.00
Revenue		101,566.93		101,566.93						
Capital		840,998.02		840,998.02	Investment	7		1,470,488,139.00		1,484,329,055.00
General Reserve Fund - NBU		220,365,166.51		246,944,701.14						
Capital Assets Fund	4	939,250,445.31		1,270,172,610.31	Loans & Advances	2		49,851,790.64		53,221,494.64
Earmarked Fund										
UGC Project					Cash in Hand		32,272.00			
General		274,717.85		274,717.85	Cash at Bank	6	478,178,658.84		599,175,369.18	
Capital		21,675,706.76		(7,531,322.24)	Treasury	6	231,952,466.09		250,047,649.09	
Project & Scheme	3	242,302.37		(962,845.63)	SBI Collection A/c		559.50		559.50	
Non-UGC Project										
General		717,842.00		717,842.00						
Projects & Schemes	3	22,573,742.91		36,127,792.91				710,163,956.43		849,223,577.77
CSTR										
General		408,566.75		534,175.75						
Research Project Fund	3	(57,368.61)		(131,600.61)						
Research Scholar Fund	3	(2,008,888.86)		(764,437.86)						
UGC-SAP		199,974.00		199,974.00						
N.S.S										
General		2,310,359.00		3,138,524.00						
Projects & Schemes	3	79,681.00		9,681.00						
University Innovative Programme										
General		(1,022,814.29)		(873,811.29)						
Projects & Schemes	3	5,085,155.00		5,085,155.00						
Development of Infra. Fac. Fund										
General		332,241,069.67		371,998,823.67						
Capital		21,935,532.00		2,793,859.00						
Total C/F		1,843,654,239.94		2,172,913,312.57	Total C/F			3,462,898,768.38		3,886,677,963.72

LIABILITIES	Sche dule	Previous Year (Rs.)	Amount (Rs.)	Current Year (Rs.)	ASSETS	Sche dule	Amount (Rs.)	Previous Year (Rs.)	Amount (Rs.)	Current Year (Rs.)
Total B.F		1,843,654,239.94		2,172,913,312.57	Total B.F			3,462,898,768.38		3,886,677,963.72
Endowment Fund		1,554,221.00		1,759,221.00						
Pension & Gratuity Fund		749,306,757.02		776,752,129.02						
Misc. Self Financed Courses Fund		1,000,091.00		2,027,796.00						
Jr. Self Financed Courses Fund		18,446,404.79		62,586,707.79						
Prof. N.H.C. For M.S. Fund		5,764,610.00		8,089,803.00						
P.D.E. Fund		314,517,254.29		337,175,881.29						
C.I.T. DBT		66,259.93		69,029.93						
E.P.F		249,178,189.09		266,845,053.09						
NAIP										
ICAR Project	2	(64,485.00)		(64,044.00)						
SBD Fund										
Capital		16,195,006.50		21,148,179.54						
UGC HRDC Fund										
Projects & Schemes	3	(384,037.50)		(5,917,617.00)						
NBU Jalpaiguri Campus-										
General		(3,494,974.00)		(2,560,804.87)						
Capital		101,100,000.00		68,159,694.00						
RUSA Fund										
General		78,809.00		2,531,859.00						
Capital		50,546,302.00		70,842,067.00						
<u>Current Liabilities & Provision</u>	4	74,247,067.72		105,582,127.76						
<u>Loan (Liability)</u>	5	279,053.00		279,053.00						
		3,462,898,768.38		3,886,677,963.72				3,462,898,768.38		3,886,677,963.72

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 01/04/16 to 31/03/17

EXPENDITURE	2015 - 2016		2016 - 2017		INCOME	2015 - 2016		2016 - 2017	
	Rs.	AMOUNT	Rs.	AMOUNT		Rs.	AMOUNT	Rs.	AMOUNT
To Revenue Expenditure					R- Revenue Income				
NBU General (Main) Fund	713,879,971.57		703,768,419.87		NBU General (Main) Fund	824,493,777.43		802,065,867.50	
NBU C. I. R. Fund	174.38		-		NBU C. S. I. R. Fund	68,879.00		125,609.00	
NBU N. S. S. Fund	168,448.00		157,752.00		NBU N. S. S. Fund	698,717.00		955,917.00	
NBU DIF Fund	135,540.00		133,969.00		NBU JIP Fund	246,889.00		282,672.00	
NBU Develop. of Infra Fac Fund	5,292,892.00		11,035,792.00		NBU Dev. of Infra Fac. Fund	35,046,154.00		27,074,598.00	
NBU Misc. Self Financed Courses	1,678,847.00		(8,850.00)		NBU Endowment Fund	139,836.00		133,804.00	
NBU Jt. Self Financed Courses	18,630.00				NBU Pension & Gratuity Fund	70,324,820.00		17,446,442.00	
NBU Prof. N.H.C. For M.S. Fund					NBU Misc Self Financed Courses	1,529,613.00		1,103,105.00	
NBU DCF Fund	8,921,369.00		7,985,499.00		NBU Jt. Self Financed Courses	8,617,106.00		4,140,303.00	
NBU Endowment Fund	-		-		NBU Prof. N.H.C. M.S. Fund	224,928.00		305,193.00	
NBU E.P.F	220.00				NBU DDE Fund	47,089,212.00		31,444,192.00	
NBU Jalpaiguri Campus	5,111,294.00		158.87		NBU CCFAT	11,666.50		-	
NBU RUSA Fund	1,194.00		300,236.00		NBU Jalpaiguri Campus	1,808,741.00		502,263.00	
NBU SBD Fund	894,352.00	736,033,130.35	717,206.56	724,090,083.70	NBU RUSA Fund	80,000.00		2,762,286.00	
					NBU E.P.F	19,307,957.00		20,613,179.00	
					NBU CIFT DBT	2,573.00		3,371.00	
					NBU SBD Fund	2,718,219.00		3,760,380.00	
To Transferred to:						1,012,409,087.93		912,689,161.50	
Capital Fund	1,053,382.00		13,431,942.00						
Pension & Gratuity Fund	10,000,000.00		10,000,000.00						
Sports Development Fund	1,000,000.00		1,910,000.00						
General Reserve Fund	53,789,597.46	65,842,979.46	57,140,338.63	62,482,280.63					
To Contribution to DIF Fund from									
NBU General Fund	10,000,000.00		10,000,000.00						
NBU Misc Self Financed Courses	127,040.00		93,140.00						
NBU Jt. Self Financed Courses	3,105.00		-						
NBU DIF Fund	769,297.00	10,899,442.00	800,966.00	10,893,206.00					
To Contribution to NBU General Fund from									
NBU Endowment Fund		139,936.00		133,804.00					
To Net Surplus		199,493,700.12		95,080,787.17					
		1,012,409,087.93		912,689,161.50		1,012,409,087.93		912,689,161.50	

Sd/-
(D. Basak)
Sr. Assistant

Sd/-
(S. Das)
Accounts Officer

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Audit & Accounts Officer
&
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Schedule-1

CAPITAL AND REVENUE RECEIPTS & PAYMENTS

Fund	2015 - 2016				2016 - 2017			
	Revenue Receipts	Revenue Payments	Capital Receipts	Capital Payments	Revenue Receipts	Revenue Payments	Capital Receipts	Capital Payments
1 General (Main)	324,493,777.43	713,879,973.97	109,327,568.00	50,090,739.00	302,005,857.50	703,768,419.87	156,821,096.00	81,291,001.00
2 UGC Project	-	-	-	8,194,857.00	-	-	9,590,296.00	26,797,325.00
3 CSIR	68,879.00	174.38	-	-	125,609.00	-	-	-
4 NSS	698,717.00	188,448.00	-	-	985,917.00	157,752.00	-	-
5 University Innovative Programme	246,889.00	135,940.00	-	-	282,672.00	133,669.00	-	-
6 Endowment	139,836.00	139,836.00	-	208,562.00	133,804.00	-	205,000.00	265,409.00
7 DIF	35,046,154.00	5,292,892.00	22,913,127.00	5,155,925.00	27,074,588.00	11,035,792.00	25,140,848.00	2,223,096.00
8 Pension & Gratuity	70,324,820.00	-	10,000,000.00	-	17,446,442.00	-	10,000,000.00	-
9 Misc. Self Financed Courses	1,529,613.00	1,678,647.00	-	83,000.00	1,103,105.00	(8,650.00)	-	92,000.00
10 Jt. Self Financed Courses	8,617,106.00	18,630.00	-	60,250.00	4,140,303.00	-	-	-
11 Prof N.H.C. For M.S.	224,928.00	-	-	-	305,193.00	-	-	-
12 DDE	47,089,212.00	8,921,369.00	-	2,098,635.00	31,444,192.00	7,985,499.00	-	-
13 COFAM	11,666.50	-	-	269,394.00	-	-	-	-
14 E.P.F.	19,307,957.00	229.00	22,672,630.00	27,256,524.00	20,613,179.00	-	23,452,974.00	26,399,289.00
15 CIIT DBT	2,573.00	-	-	-	3,371.00	-	-	-
16 SBD Fund	2,718,219.00	804,352.00	1,000,000.00	-	3,760,380.00	717,206.96	1,910,000.00	-
17 NBU Jalpaiguri Campus	1,808,741.00	5,111,294.00	959,694.00	8,932,694.00	502,263.00	158.87	-	-
18 NON-UGC Project	-	-	25,422.00	-	-	-	-	-
19 RUSA Fund	80,000.00	1,191.00	100,000,000.00	49,453,698.00	2,762,286.00	309,236.00	50,000,000.00	29,704,235.00
	1,012,409,087.93	736,172,966.35	266,898,439.00	151,804,298.00	912,689,161.50	724,099,083.70	277,120,214.00	166,772,356.00

Schedule- 2
LOANS & ADVANCES

Fund	Opening Balance	2015 - 2016			Closing Balance	2016 - 2017			Closing Balance
		Payments	Receipts	Adjustment/Transfer		Payments	Receipts	Adjustment/Transfer	
1 General (Main)									
a) Advances & Suspense	16,944,641.27	32,756,331.11	32,402,463.68	3,038.00	16,301,516.70	34,434,440.57	35,983,091.07	-	16,752,856.20
b) Security Deposit	3,558,798.00	-	-	451,518.00	4,010,316.00	50,000.00	-	-	4,060,316.00
c) Stock Suspense	5,277,951.13	799,137.00	1,864,897.00	-	4,212,191.13	749,371.00	876,631.00	-	4,084,931.13
2 UGC Project	2,563,959.00	882,868.00	3,210,208.00	-	336,618.00	685,000.00	563,662.00	-	457,956.00
3 NON-UGC Project	1,277,224.00	606,198.00	1,453,047.00	-	430,365.00	2,706,326.00	1,254,015.50	-	1,882,675.50
4 CSIR	26,864.59	-	0.38	-	26,864.21	-	-	-	26,864.21
5 UGC SAP	166,742.60	366,030.00	378,425.00	0.50	174,348.10	81,376.00	83,376.00	-	172,348.10
6 University Innovative Programme	140,362.00	2,192.00	8,648.00	-	133,906.00	1,094.00	-	-	135,000.00
7 Jt. Self Financed Courses	6,203.00	-	-	-	8,203.00	-	-	-	8,203.00
8 Misc. Self Financed Courses	221,102.00	298,444.00	373,498.00	-	146,048.00	65,233.00	111,404.00	-	99,877.00
9 Prof. N.H.C. For M.S.	(176,644.00)	-	-	193,782.00	17,138.00	-	-	-	17,138.00
10 DDE	925,107.00	811,478.00	874,705.00	-	861,879.00	1,599,427.00	1,372,294.00	-	1,089,012.00
11 DIF	336,694.50	-	229,576.00	-	107,118.50	-	43,705.00	-	63,413.50
12 E.P.F.	13,900,899.00	5,935,104.00	4,789,782.00	-	15,046,221.00	6,010,446.00	4,829,213.00	-	16,227,454.00
13 UGC HRDC	34,908.00	515,598.00	544,448.00	-	6,058.00	436,816.00	371,058.00	-	71,816.00
14 COFAM	3,038.00	-	-	3,038.00	-	-	-	-	-
15 SBD	-	-	-	-	-	190,000.00	151,376.00	-	38,624.00
16 NBU Jalpaiguri Campus	60,105.00	160,000.00	160,105.00	7,973,000.00	8,033,000.00	-	-	-	8,033,000.00
17 NSS	-	-	-	-	-	115,500.00	115,500.00	-	-
	44,369,954.09	43,153,340.11	46,289,804.06	8,624,376.50	49,851,790.64	47,125,029.57	43,755,325.57	-	53,221,494.64

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Schedule- 3
PROJECTS & SCHEMES

Fund	Opening Balance	2015 - 2016			Closing Balance	2016 - 2017			Closing Balance
		Receipts	Payments	Adjustment		Receipts	Payments	Adjustment	
1 UGC Project	(278,575.63)	13,137,163.00	12,516,285.00	-	242,302.37	3,528,498.00	4,733,546.00	-	(952,845.63)
2 Non-UGC Project	15,561,931.91	26,382,134.00	19,370,323.00	-	22,573,742.91	36,482,198.00	22,928,148.00	-	36,127,792.91
3 CSIR:									
Research Project Fund	(5,750.61)	1,044,942.00	1,096,560.00	-	(57,368.61)	-	74,232.00	-	(131,600.61)
Research Scholar Fund	(2,118,767.86)	997,133.00	867,254.00	-	(2,008,898.86)	1,957,733.00	713,282.00	-	(764,437.86)
4 NAIP	(64,821.00)	336.00	-	-	(64,485.00)	441.00	-	-	(64,044.00)
5 UGC HRDC	(2,985,117.00)	9,348,807.50	6,747,728.00	-	(384,037.50)	123,028.50	5,656,608.00	-	(5,917,617.00)
6 NSS Fund	71,681.00	8,000.00	-	-	79,681.00	94,500.00	164,500.00	-	9,681.00
7 University Innovative Programme	5,085,155.00	-	-	-	5,085,155.00	-	-	-	5,085,155.00
	15,265,735.81	50,918,515.50	40,718,150.00	-	25,466,701.31	42,186,398.50	34,270,416.00	-	33,382,083.81

Schedule- 4

CURRENT LIABILITIES & PROVISIONS

Name of the Fund	Opening Balance	2015 - 2016			Closing Balance	2016 - 2017			Closing Balance
		Receipts	Payments	Adjustment/ Transfer		Receipts	Payments	Adjustment/ Transfer	
1 General (Main)									
a) Other Liabilities	27,429,828.47	101,303,745.00	106,159,761.00	-	23,573,812.47	126,224,642.00	99,549,195.00	-	60,249,259.47
b) Loans & Deposits	14,698,654.44	43,126,704.00	42,001,768.00	141,716.00	13,964,706.44	35,710,193.00	32,699,208.00	-	17,975,691.44
c) Scholarship & Stipend	1,434,849.34	-	-	-	1,434,849.34	-	-	-	1,434,849.34
d) Payable fund	5,000.00	18,245.00	25,645.00	-	(2,400.00)	4,898,464.00	2,125.00	-	4,893,939.00
2 UGC Project	(1,251,731.00)	10,459,689.90	4,995,859.00	-	4,202,099.90	6,237,729.54	6,338,635.00	-	4,101,194.44
3 NON-UGC Project	4,351,731.00	935,394.14	1,258,962.00	-	3,928,213.14	2,810,472.50	1,839,672.00	-	4,859,013.64
4 CSIR	38,078.00	-	-	-	38,078.00	-	-	-	38,078.00
5 UGC SAP	2,143,734.06	5,028,319.00	6,094,795.00	-	1,077,258.06	8,122,138.00	6,441,225.00	-	2,758,171.06
6 Misc. Self Financed Courses	423,214.00	573,847.00	292,388.00	-	704,673.00	367,630.00	120,651.00	-	951,652.00
7 NSS	8,912,630.00	4,859,782.00	1,104,000.00	-	12,468,412.00	3,313,125.00	3,695,172.00	-	12,086,365.00
8 University Innovative Programme	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	2,000.00	2,000.00	-	1,600.00	-	-	-	1,600.00
10 Prof N.H.C. For M.S.	291,367.00	-	-	-	291,367.00	-	-	-	291,367.00
11 DDE	2,545,638.37	3,434,026.00	4,647,783.00	-	1,331,881.37	2,448,436.00	2,472,610.00	-	1,307,707.37
12 DIF	1,272,183.00	36,728.00	88,882.00	-	1,220,029.00	84,526.00	235,330.00	-	1,069,225.00
13 NAIP	705.00	-	-	-	705.00	-	-	-	705.00
14 COFAM	(2,378,311.00)	-	-	2,378,311.00	-	-	-	-	-
15 SBD	6,040.00	7,107.00	7,540.00	-	5,607.00	5,700.00	9,707.00	-	1,600.00
16 EPF	-	34,105.00	34,105.00	-	-	-	-	-	-
17 NBU Jalpaiguri Campus	148,785.00	100,013.00	126,715.00	-	122,093.00	26,374.00	9,348.00	-	141,109.00
18 RUSA Fund	-	6,177,569.00	-	-	6,177,569.00	4,684.00	5,122,067.00	-	1,050,186.00
19 UGC HRDC	1,670,925.00	814,894.50	823,215.50	-	1,662,604.00	688,099.00	64,208.00	-	2,286,495.00
	61,778,890.68	176,613,488.54	166,664,738.50	2,519,427.00	74,247,067.72	190,945,533.04	159,600,473.00	-	105,592,127.76

Schedule-5

LOANS (LIABILITY)

Particulars	Opening Balance	2015 - 2016			Closing Balance	2016 - 2017			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
	279,053.00	-	-	-	279,053.00	-	-	-	279,053.00

Schedule - 10

CAPITAL WORK - IN - PROGRESS

Particulars	Opening Balance	2015 - 2016		Closing Balance	2016 - 2017			Closing Balance
		Addition	Adjustment		Addition	Adjustment	Work Completed	
NBU General (Main) Fund	53,112,978.00	93,249,953.00	-	156,362,931.00	164,017,680.00	34,509,194.00	215,769,164.00	139,120,641.00
NBU UGC Project	14,845,974.00	-	-	14,845,974.00	3,628,058.00	-	12,000,000.00	6,674,032.00
NBU DIF Fund	21,935,532.00	-	-	21,935,532.00	-	4,467,467.00	23,609,140.00	2,793,959.00
NBU Jalpaiguri Campus	50,959,694.00	49,040,306.00	-	100,000,000.00	-	154,889,847.00	187,830,153.00	67,059,694.00
NBU RUSA Fund	-	-	-	-	14,063,000.00	-	-	14,063,000.00
	150,854,178.00	142,290,259.00	-	293,144,437.00	181,928,738.00	193,866,508.00	439,208,457.00	229,731,226.00

Schedule - 11

STATEMENT OF SURPLUS/DEFICIT OF DIFFERENT NBU FUND

Name of the Fund	2015 - 2016	2016 - 2017
	Surplus/ Deficit	Surplus/ Deficit
	Rs.	Rs.
1 NBU General (Main) Fund	34,770,824.00	5,755,157.00
2 NBU C.S.I.R. Fund	68,704.62	125,609.00
3 NBU N.S.S. Fund	510,269.00	823,165.00
4 NBU UIP Fund	110,949.00	149,003.00
5 NBU DIF Fund	29,753,272.00	16,038,796.00
6 NBU Pension & Gratuity Fund	70,324,820.00	17,446,442.00
7 NBU Misc. Self Financed Courses Fund	(276,074.00)	1,018,615.00
8 NBU Jt. Self Financed Courses Fund	8,595,371.00	4,140,303.00
9 NBU Prof N.H.C. For M.S. Fund	224,928.00	305,193.00
10 NBU DDE Fund	57,398,546.00	22,658,627.00
11 NBU COFAM	11,666.50	-
12 NBU E.P.F.	19,307,728.00	20,613,179.00
13 NBU CIIT DBT	2,573.00	3,371.00
14 NBU Jalpaiguri Campus	(3,302,553.00)	502,104.13
15 NBU RUSA Fund	78,809.00	2,453,050.00
16 NBU SBD Fund	1,913,867.00	3,043,173.04
	199,493,700.12	95,080,787.17

Schedule- 6

CASH, BANK & TREASURY BALANCES

Fund	As on 01/04/2015			As on 31/03/2016			As on 31/03/2017		
	Cash	Bank	Treasury	Cash	Bank	Treasury	Cash	Bank	Treasury
1 General		282,000,942.97		32,272.00	303,187,402.00			382,615,735.13	
2 UGC Project		2,595,042.93			11,212,234.82			3,159,442.42	
3 NON-UGC Project		15,863,539.91			23,003,294.05			38,942,257.05	
4 CSIR		1,275,153.07			1,402,119.07			2,697,947.07	
5 UGC SAP		5,676,964.96			1,102,983.96			315,586.96	
6 N.S.S.		10,784,401.00			14,853,452.00			15,239,570.00	
7 University Innovative Programme		1,946,770.71			1,886,555.71			1,830,852.71	
8 DIF Fund		55,979,697.17			25,676,825.17			40,202,690.17	
9 Endowment		422,008.00			232,870.00			189,974.00	
10 N.A.I.P.		8,334.00			3,670.00			9,111.00	
11 Pension & Gratuity		10,898,407.62			10,292,336.62			20,737,663.62	
12 Misc. Self Financed Courses		1,362,388.00			1,383,741.00			2,557,819.00	
13 Jt. Self Financed Courses		5,341,071.79			5,469,359.79			5,696,170.79	
14 Prof. N.H.C. For M.S.		5,813,911.00			6,036,839.00			6,344,032.00	
15 D.D.E.		12,777,099.66			9,003,224.66			12,069,487.66	
16 COFAM		257,727.50			-			-	
17 E.P.F.		1,528,349.00	219,203,442.09		2,357,837.00	231,952,466.09		748,285.00	250,047,649.09
18 CIIT DBT		63,685.93			66,258.93			69,629.93	
19 SBD Fund		4,678,359.50			2,243,457.50			6,137,701.54	
20 NBU Jalpaiguri Campus		50,036,585.00			667,109.00			1,188,239.13	
21 UGC HRDC Fund		3,650,900.00			1,272,508.50			72,062.00	
22 RUSA Fund		-			56,802,680.00			60,351,112.00	
	-	472,961,369.77	219,203,442.09	32,272.00	478,178,658.84	231,952,466.09	-	599,175,369.18	250,047,649.09

Schedule - 7

INVESTMENT

Fund	Investment	Opening Balance	2015 - 2016			Closing Balance	2016 - 2017		Closing Balance
			Investment Amount	Maturity Amount	Transfer		Investment Amount	Maturity Amount	
1 General	S.B.I. Campus Br	6,335.00	352,319,085.00	302,103,512.00	-	50,221,591.00	54,361,002.00	104,576,566.00	6,039.00
	Central Bank (COFAM)				250,570.00	250,570.00	314,596.00	250,570.00	314,596.00
2 Endowment	S.B.I. Campus Br	1,340,795.00	1,461,157.00	1,340,795.00	-	1,411,187.00	1,577,479.00	1,461,187.00	1,477,478.00
3 Pension & Gratuity	S.B.I. Campus Br	662,082,530.00	904,092,845.00	823,161,964.00	-	749,013,421.00	222,197,547.00	205,196,432.00	756,014,536.00
4 Jt. Self Financed (Off Campus) Courses	S.B.I. Campus Br	44,615,731.00	53,025,669.00	44,615,731.00	-	53,025,669.00	56,939,161.00	53,025,669.00	53,039,161.00
5 DDE :	S.B.I. Campus Br	33,630,527.00	111,944,356.00	93,630,527.00	-	111,944,356.00	323,029,295.00	111,944,356.00	323,029,286.00
	Axis Bank	174,370,248.00	342,191,760.00	361,753,035.00	-	194,809,973.00	796,275,762.00	997,219,589.00	3,865,166.00
6 Development for Infrast. Facilities Fund	S.B.I. Campus Br	298,766,945.00	310,605,041.00	240,517,273.00	-	298,804,713.00	321,161,821.00	298,804,713.00	321,161,821.00
7 Sports Board Development Fund	S.B.I. Campus Br	8,609,820.00	15,905,634.00	10,562,298.00	-	13,952,156.00	12,848,563.00	11,827,265.00	14,973,454.00
8 Non-UGC Projects Fund	S.B.I. Campus Br	3,362,869.00	3,708,689.00	3,392,809.00	-	3,708,689.00	2,847,266.00	3,708,689.00	2,847,266.00
9 University Innovative Programme	S.B.I. Campus Br	1,908,179.00	2,085,740.00	1,903,179.00	-	2,085,739.00	2,289,411.00	2,095,739.00	2,289,411.00
10 Misc. Self Financed Courses	S.B.I. Campus Br	1,107,899.00	1,211,015.00	1,107,580.00	-	1,211,015.00	1,310,842.00	1,211,015.00	1,310,842.00
11 COFAM	Central Bank (COFAM)	250,570.00			250,570.00				
TOTAL		1,216,161,141.00	2,138,551,060.00	1,884,224,062.00	501,140.00	1,470,488,139.00	1,795,152,735.00	1,781,311,819.00	1,484,329,055.00

Schedule: 8 2015 - 2016 FIXED ASSETS

1:10

Fund	Building	Commercial TC Lab	Equipments	Books & Journal	Road	Vehicles	Tree Plantation	Boundary Wall	Computer LAN	Computer
General	91,046,429.32	1,080,618.00	87,308,229.90	148,075,186.97		762,271.07	209,660.54	2,334,526.22		
NEU UGC Project	75,033,216.62		112,269,787.40	41,031,937.00		1,535,339.00			7,360,045.08	
Non-JGC Project	-		47,122,429.00	5,986,463.00					499,960.00	99,970.00
C.S.I.R.	-		6,014,308.32	-						
UGC SAP	-		19,730,696.75	6,118,830.00						
University Innovative Prog.	-		462,580.00	-						
Dev. of Infra. Facilities Fund	75,144,960.50		36,652,659.00	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			231,375.00	85,101.00						
b) Tea Management			990,770.00	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	-						
COFAM	-		1,207,370.00	-						
NAIP	-		-	-						
NBU JALPAIGURI CAMPUS	-		1,141,323.00	501,579.00				3,516,611.00		
RUSA FUND	-		20,110,272.00	12,017,035.00						
UGC HRDC Fund	24,074,000.00		2,737,381.00	209,458.00						
	269,074,366.44	1,080,618.00	342,868,274.37	223,868,922.97	7,229,581.00	5,675,911.57	209,660.54	6,595,435.22	8,004,159.58	1,032,143.00

Schedule: 8 2016 - 2017 FIXED ASSETS

Fund	Building	Commercial TC Lab	Equipments	Books & Journal	Road	Vehicles	Tree Plantation	Boundary Wall	Computer LAN	Computer
General	138,849,285.32	1,060,616.00	89,616,125.90	183,485,369.97	1,700,015.00	732,271.07	209,660.54	2,334,526.22		
NBU UGC Project	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	7,048,654.00					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		39,155,750.00	1,067,584.00	7,229,591.00	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 Fund	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

Contd...

2015 - 2016 FIXED ASSETS

Fund	Generator/ Transformer	Museum Art Object	Software	Land	Net & Green House	Furniture & Fixture	Spectroscopic & other analysis	Sports Equipments	Lab.Dev. Equipments	TOTAL
Genera	7,170,490.00		1,225,000.00		7,600,000.00	7,955,374.00				354,696,784.02
NEU UGC Project	4,432,940.00	189,835.62	254,175.00			3,047,642.00		987,931.00	596,776.00	251,639,623.72
Non-UGC Project					486,830.00	2,715,735.00				56,910,387.00
C.S.I.R.					-	-				6,014,308.32
UGC SAP					197,934.00	-	105,719.00			25,153,079.75
University Innovative Prog.						11,363.00				473,943.00
Dev. of Infra. Facilities Fund			392,537.00	71,369.00		16,427,692.00				141,665,510.50
Misc. Self Financed Courses						-				-
a) Tea Science						-				366,476.00
b) Tea Management						25,079.00				1,078,649.00
c) CRSA						-				333,378.00
D.D.E.			83,000.00			2,300,146.00				15,896,077.00
N.S.S.						-				40,090.00
CCFAM						22,199.00				1,229,559.00
NAIP						34,800.00				34,800.00
NEU JALPAIGURI CAMPUS						369,175.00				5,828,693.00
RUSA FUND						11,326,391.00				49,453,698.00
UGC HRDC Fund						624,350.00				28,045,189.00
	11,653,430.00	189,835.62	1,959,712.00	71,369.00	8,183,664.00	49,862,936.00	105,719.00	987,931.00	596,776.00	939,250,445.31

2016 - 2017 FIXED ASSETS

Fund	Generator/ Transformer	Museum Art Object	Software	Land	Net & Green House	Furniture & Fixture	Spectroscopic & other analysis	Sports Equipments	Lab.Dev. Equipments	TOTAL
General	7,170,490.00		1,235,000.00		7,530,000.00	10,795,925.00				442,799,366.02
NEU UGC Project	4,482,940.00	139,835.62	254,175.00			8,591,456.00		1,535,066.00	596,776.00	267,558,424.72
Non-UGC Project					465,630.00	2,721,206.00				64,305,704.00
C.G.J.R.						-				6,014,308.32
UGC SAP					197,634.00	-	105,719.00			25,667,196.75
University Innovative Prog. Dev. of Infra. Facilities Fund			392,537.00	71,369.00		11,363.00 17,147,897.00				473,943.00 144,069,603.50
Misc. Self Financed Courses										
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
NEU Jalpaiguri Campus						369,175.00				193,656,846.00
RUSA Fund						11,384,945.00				79,157,933.00
UGC HRDC Fund						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 - 9

CAPITAL ASSETS FUND

Fund	Opening Balance	2015 - 2016		Closing Balance	2016 - 2017		Closing Balance
		Addition	Adjustment Transfer		Addition	Adjustment Transfer	
General	324,149,897.02	17,846,366.00	12,390,521.00	354,636,784.02	86,111,592.00	-	440,798,366.02
NBU UGC Project	245,511,360.72	6,328,263.00	-	251,839,623.72	15,713,601.00	-	267,553,424.72
Non-JGC Project	53,242,199.00	3,668,188.00	-	56,910,387.00	7,395,317.00	-	64,305,704.00
C.S.I.R.	6,014,308.32	-	-	6,014,308.32	-	-	6,014,308.32
UGC SAP	22,170,744.75	2,962,335.00	-	25,153,079.75	1,734,117.00	-	26,887,196.75
University Innovative Prog.	473,943.00	-	-	473,943.00	-	-	473,943.00
DIF	137,066,047.50	4,993,245.00	193,782.00	141,865,510.50	2,223,096.00	-	144,088,606.50
Misc. Self Financed Courses							
a) Tea Science	366,476.00	-	-	366,476.00	-	-	366,476.00
b) Tea Management	833,849.00	245,000.00	-	1,078,849.00	54,960.00	-	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	-	-	15,896,077.00
N.S.S.	40,090.00	-	-	40,090.00	-	-	40,090.00
COFAM	12,390,521.00	-	12,390,521.00	-	-	-	-
NBU Jalpaiguri Campus	5,828,693.00	-	-	5,828,693.00	187,830,153.00	-	193,658,846.00
NAIP	1,229,559.00	-	-	1,229,559.00	-	-	1,229,559.00
S.B.D. Fund	-	34,800.00	-	34,800.00	62,482.00	-	97,282.00
RUSA Fund	-	49,453,698.00	-	49,453,698.00	29,704,235.00	-	79,157,933.00
UGC HRDC Fund	27,845,189.00	200,000.00	-	28,045,189.00	92,422.00	-	28,137,611.00
TOTAL	853,692,332.31	85,751,895.00	24,974,824.00	939,250,445.31	330,922,165.00	-	1,270,172,610.31

COUNCIL FOR UNDER GRADUATE STUDIES

Secretary	:	Dr. Nupur Das
Staff Strength (U.G. Council)	:	Mrs. Geeta Roy (Das), Sr. Asst Mr. Gautam Sarkar, Jr. Asst. Mr. Labin Singha, Senior Peon

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*

Total number of College affiliated to the University of North Bengal

Number of General Degree Colleges	:	46
Number of B.Ed Colleges	:	15
Number of B.P.Ed Colleges	:	02
Number of Law Colleges	:	02
Department of Law	:	01

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 interactivity, quality enhancing mechanism and has yielded appreciable results at the Under Graduate workplace under the University of North Bengal.

Council, Boards and Committees

1. *Boards of Under Graduate Studies*
2. *Expert Committee*
3. *Expert Committees under Career Oriented Programme*

**TOTAL BOARDS OF
UNDER GRADUATE
STUDIES**

**Computer Science, Physics, Chemistry, Mathematics, Geography,
Botany, Zoology, Physical Education, Geological Science,
Statistic, Environmental Studies, Sericulture, Microbiology, Mass
Communication & Journalism**

Bengali, English, Hindi, Nepali, Sanskrit, Political Science, Economics, Commerce, History, Philosophy, Sociology, Education, Physiology, Arabic, Urdu, Psychology, Retail Management, Tourism Management, Law, Modern Tibetan,
--

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

TOTAL EXPERT COMMITTEE under Career Oriented Programme (C.O.P.)	1.	Monitoring Committee on C.O.P.
	2.	Communicative English
	3.	Mass Communication & Journalism
	4.	Eco Tourism Management
	5.	Tourism & Travel Management
	6.	Computer Application
	7.	Office Management & Secretarial Practice
	8.	Tax Procedure & Practice
	9.	Banking Management
	10.	Women's Studies
	11.	Human Rights & Values in Education
	12.	Music

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 & www.nbubed.org (centralized B.Ed. Cell)*
- 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.*

CHAPTER - X

**AUTHORITIES OF THE
UNIVERSITY**

LIST OF THE COURT MEMBERS

1	The Chancellor University of North Bengal
2	Prof. Somnath Ghosh Vice – Chancellor University of North Bengal
3	Prof. Ghanashyam Nepal Dean, Faculty Council for P.G. Studies in Arts, Commerce & Law
4	Prof. Subir Sarkar Dean, Faculty Council for P.G. Studies in Science
Nominee of Higher Education Department, West Bengal	
5	Sri Siladitya Basu Ray Jt. Secretary Higher Education Department Bikash Bhavan, Kolkata – 91
6	The Principal Secretary Department of Finance Government of West Bengal Writers' Building, Kolkata – 700001
Nominee of WBSCHIE	
7	The President West Bengal Council for Higher Secondary Education Vidyasagar Bhaban Block DJ, Sector II Salt Lake, Kolkata – 91
8	Md. Fazle Rabbi President West Bengal Board of Madrasah Education, Begum Rokaiya Bhaban 19, Haji Md. Mahasin Square, Kolkata – 700016
9	Prof. Dr. Kalyanmoy Ganguly President West Bengal Board of Secondary Education 77/2 Park Street, Kolkata – 700016
10	Director of Public Instruction Govt. of West Bengal Education Directorate Bikash Bhawan, Salt Lake, Kol-91
Nominee of UGC	
11	Dr. Mrs. Paula Banerjee Department of South & South Asian Studies, Calcutta University, Kolkata - 700027

Nominee of CSC	
12	Dr. Dipak Kumar Kar Chairperson, West Bengal College Service Commission, Purta Bhavan, DF Block, 3 rd Floor, Salt Lake City, Kolkata - 700091
Representative of Department & Colleges:	
13	The Head Department of Anthropology University of North Bengal
14	The Head Department of Bengali University of North Bengal
15	The Head Department of Bio-Technology University of North Bengal
16	The Head Department of Botany University of North Bengal
17	The Head Department of Chemistry University of North Bengal
18	The Head Department of Computer Science & Application University of North Bengal
19	The Head Department of Commerce University of North Bengal
20	The Head Department of Economics University of North Bengal
21	The Head Department of English University of North Bengal
22	The Head Department of Geography & Applied Geography University of North Bengal
23	The Head Department of Hindi University of North Bengal
24	The Head Department of History University of North Bengal
25	The Head Department of Law University of North Bengal
26	The Head Department of Library & Information Science University of North Bengal

27	The Head Department of Life Long Learning & Extension University of North Bengal
28	The Head Department of Management University of North Bengal
29	The Head Department of Mass Communication University of North Bengal
30	The Head Department of Mathematics University of North Bengal
31	The Head Department of Microbiology University of North Bengal
32	The Head Department of Nepali University of North Bengal
33	The Head Department of Philosophy University of North Bengal
34	The Head Department of Physics University of North Bengal
35	The Head Department of Political Science University of North Bengal
36	The Head Department of Sociology University of North Bengal
37	The Head Department of Zoology University of North Bengal
38	The Head Department of Tea Science University of North Bengal
<i>Senior Professor of the University</i>	
39	Prof. Subir Sarkar,
40	Prof. Bijoy Kumar Sarkar
41	Prof. Gangotri Chakraborty
42	Prof. Suparna De Sarkar
43	Prof. Ghanashyam Nepal
<i>Chancellor's Nominee</i>	
44	Prof. Col. Dr. Ranajit Sen, 58/24, Prince Anwar Shah Road, Lake Gardens, Kolkata - 700045
45	Prof. Dipak Ranjan Mandal Vice-Chancellor, Sidho Kanho Birsha University, Purulia Zilla Parisad, Old Administrative Building,

	Jubilee Compound, P.O. & Dist. - Purulia, PIN - 723101
46	Prof. Swagata Sen, Pro Vice-Chancellor, Academic Calcutta University, Senate House, 87/1 College Street, Kolkata - 700073
47	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
48	Prof. Alok K. Srivastava, Department of Chemistry, Allahabad University, Senate House Campus, Allahabad, UP - 211002

LIST OF EXECUTIVE COUNCIL MEMBERS

1	Prof. Somnath Ghosh Vice-Chancellor University of North Bengal
2	Sri Siladitya Basu Ray WBCS (Exc), Jt. Secretary Higher Education Department University Branch Bikash Bhavan, 6 th floor, Kolkata - 91
3	The Principal Secretary Department of Finance Govt. of West Bengal Nabanna, 325, Sarat Chatterjee Road, Howrah - 711102
Nominee of West Bengal State Council of Higher Education	
4	The Director of Public Instruction Govt. of West Bengal Education Directorate Bikash Bhavan, Salt Lake, Kolkata - 91
5	Prof. Ghanashyam Nepal Dean, Faculty Council for P.G. Studies in Arts, Commerce & Law University of North Bengal
6	Prof. Subir Sarkar Dean, Faculty Council for P.G. Studies in Science University of North Bengal
<u>Principals of Affiliated Colleges</u>	
7	The Principal A.C. Training College P.O. & Dist. Jalpaiguri
8	The Principal P.D. Women's College P.O. & Dist. Jalpaiguri
9	The Principal Maynaguri College, P.O. Maynaguri, Dist. - Jalpaiguri
10	The Principal, Kalimpong College, P.O. & Dist. Kalimpong Pin - 734301
<u>Three Heads of the Departments:</u>	
11	The Head Department of Law University of North Bengal
12	The Head Department of Library & Information Science University of North Bengal

13	The Head Department of Lifelong Learning & Extension University of North Bengal
<i>Chancellor's Nominee:</i>	
14	Prof. Subha Sankar Sarkar, Vice-Chancellor, Netaji Subhas Open University, DD-26, Sector-I, Salt Lake, Kolkata - 700064
15	Prof. Gopal Chandra Misra Vice-Chancellor, Gour Banga University, P.O. - Mokdumpur, Malda, PIN - 732103

**LIST OF MEMBERS OF THE FACULTY COUNCIL FOR
P.G. STUDIES IN SCIENCE**

- Prof. Dr. Somnath Ghosh, Hon`ble Vice-Chancellor, NBU, **Chairman**
- Prof. Anuradha Mukhopadhyay, Hon`ble Vice-Chancellor, DHWU- Nominee of the Hon`ble Vice-Chancellor, NBU
- Dr. G. C. De, Department of Chemistry, Alipurduar College, Alipurduar. -Nominee of the Hon`ble Vice-Chancellor, NBU
- The Dean, Faculty Council for P.G. Studies in Science Vice-Chairman
- The Head of the Department of Chemistry, NBU.
- The Head of the Department of Physics, NBU.
- The Head of the Department of Mathematics, NBU.
- The Head of the Department of Geography & Applied Geography, NBU.
- The Head of the Department of Botany, NBU.
- The Head of the Department of Zoology, NBU.
- The Head of the Department of Biotechnology, NBU.
- The Head of the Department of Computer Science & Application, NBU.
- The Head of the Department of Anthropology, NBU.
- The Head of the Department of Microbiology, NBU.
- The Head of the Department of Tea Science, NBU.
- Prof. Mahendra Nath Roy, Department of Chemistry, NBU.
- Prof. Parag Sinchan Roy, Department of Chemistry, NBU. [**Date of Retirement: 24.02.2017**]
- Prof. Basudeb Basu, Department of Chemistry, NBU.
- Prof. Pranab Ghosh, Department of Chemistry, NBU.
- Prof. Anirban Misra, Department of Chemistry, NBU.
- Prof. Amiya Kr. Panda, Department of Chemistry, NBU. [**Lien upto 09.06.2017**]
- Prof. Amitabha Mukhopadhyay, Department of Physics, NBU.
- Prof. Pradip Kr. Mandal, Department of Physics, NBU.
- Prof. Bikash Chandra Paul, Department of Physics, NBU.
- Prof. Malay Kr. Das, Department of Physics, NBU.
- Prof. Suparna De Sarkar, Department of Mathematics, NBU.
- Prof. Malay Kumar Bose, Department of Mathematics, NBU. [**Date of Retirement:22.04.2016**]
- Prof. Dhurjyoti Prasad Dutta, Department of Mathematics, NBU. [**Date of Retirement:26.01.2017**]

Prof. Subir Sarkar, Department of Geography & Applied Geography, NBU.
Prof. Sushma Rohatgi, Department of Geography & Applied Geography, NBU.
Prof. Deepak Kr. Mandal, Department of Geography & Applied Geography, NBU.
Prof. Biswanath Chakraborty, Department of Botany, NBU.
Prof. Usha Chakraborty, Department of Botany, NBU
Prof. Abhoy Prasad Das, Department of Botany, NBU [**Date of Retirement:07.05.2016**]
Prof. Prabir Kr. Sarkar, Department of Botany, NBU
Prof. Aniruddha Saha, Department of Botany, NBU.
Prof. Arnab Sen, Department of Botany, NBU.
Prof. Sudip Barat, Department of Zoology, NBU.
Prof. Ananda Mukhopadhyay, Department of Zoology, NBU. [**Date of Retirement:06.02.2017**]
Prof. Tapas Kumar Choudhury, Department of Zoology, NBU. [**Date of Retirement:31.12.2016**]
Prof. Subhas Ch. Pal, Department of Computer Science & Application, NBU.
Prof. Ranjit Kumar Samanta, Dept. of Comp. Sc. & Application, NBU. [**Date of Retirement:20.01.2017**]
Prof. Nayan Ranjan Manna, Dept. of Comp. Sc. & Application, NBU
Prof. Jaydip Sen, Department of Anthropology, NBU.
Prof. Ranadhir Chakraborty, Department of Biotechnology, NBU.

LIST OF MEMBERS OF THE FACULTY COUNCIL FOR P.G STUDIES IN ARTS, COMMERCE & LAW

- Prof. Dr. Somnath Ghosh, Hon'ble Vice-Chancellor, NBU - Chairman
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 Dean, Faculty Council for P.G Studies in Arts, Com & Law - Vice-Chairman
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.
Prof. Subodh Kr. Jash, Dept. of Bengali, NBU.
Prof. Manjula Bera, Dept. of Bengali, NBU.
Prof. Nikhil Ch. Roy, Dept. of Bengali, NBU.
Prof. Utpal Mandal, Dept. of Bengali, NBU.
Prof. Maya Ghosh, Dept. of Political Science, NBU.
Prof. Md. Yasin, Dept. of Political Science, NBU.
Prof. Soumitra, De, Dept. of Political Science, NBU.
Prof. Soumyajit Samanta, Dept. of English, NBU.
Prof. Ashis Sengupta, Dept. of English, NBU.
Prof. Ichhimuddin Sarkar, Dept. of History, NBU.
Prof. Anita Bagechi, Dept. of History, NBU.
Prof. Bijoy Kr. Sarkar, Dept. of History, NBU.
Prof. Sanchari Roy Mukherjee, Dept. of Economics, NBU.
Prof. Jeta Sankirtayana, Dept. of Economics, NBU.
Prof. Anil Bhuimali, Dept. of Economics, NBU.
Prof. Kanak Kanti Bagechi, 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. Hirak Ray, Dept. of Commerce, NBU.
Prof. Dipen Roy, Dept. of Commerce, NBU.
Prof. Debabrata Mitra, Dept. of Commerce, NBU.

Prof. Rajatubhra Mukhopadhyay, Dept. of Sociology, NBU.
Prof. Mita Bhadra, Dept. of Sociology, NBU.
Prof. Sanjoy Kr. Roy, Dept. of Sociology, NBU.
Prof. Saswati Biswas, Dept. of Sociology, NBU.
Prof. Sekh Rahim Mandal, Centre for Himalayan Studies, 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 Bandopadhyay, Dept. of Law, NBU.
The Librarian, Member, NBU.

CHAPTER - XI

**NEW APPOINTMENTS,
FAREWELL & OBITUARY**

**DATE OF JOINING, RETIRED AND OBITUARY OF OFFICERS, TEACHERS
& NON – TEACHING STAFF**

DATE OF JOINING – TEACHERS

- i. Saraswati Lama, (ST) Asst. Professor, Department of Commerce, 31/01/2017
- ii. Ms. Khusboo Lepcha, (ST) Asst. Professor, Department of Microbiology, 28/12/2016
- iii. Dr. Malay Bhattacharya, (UR) Asst. Professor, Department of Tea Science, 15/12/2016
- iv. Rafikul Alam, (OBC-A) Asst. Professor, Department of Sanskrit, 11/01/2017
(NBU Jalpaiguri Campus)
- v. Sudip Mandal, (SC) Asst. Professor, Department of Sanskrit, 17/01/2017
(NBU Jalpaiguri Campus)

DATE OF JOINING – OFFICERS: Nil

DATE OF JOINING – NON – TEACHING: Nil

Retired – Teachers

Sl. No.	Name of the Teacher	Department	Date of Retirement
01.	Prof. Ichhimuddin Sarkar	History	01/03/2017
02.	Prof. Jeta Sankritayana	Economics	30/01/2017
03.	Dr. Md. Yasin	Political Science	31/12/2016
04.	Dr. Rajat Subhra Mukhopadhyay	Sociology	08/11/2016
05.	Shri Naresh Chandra Khati	Nepali	21/12/2016
06.	Dr. Ashis Kr. Nanda	Chemistry	14/02/2017
07.	Dr. Parag Sinchan Roy	Chemistry	24/02/2017
08.	Dr. Manoj Kr. Bose	Mathematics	21/04/2016
09.	Dr. Dhurjati Prasad Dutta	Mathematics	26/01/2017
10.	Dr. Prabir Kr. Sarkar	Botany	23/04/2016
11.	Dr. Abhaya Prasad Das	Botany	17/05/2016
12.	Dr. Ananda Mukhopadhyay	Zoology	06/02/2017
13.	Dr. T.K. Chaudhuri	Zoology	31/12/2016
14.	Dr. Ranjit Kr. Samanta	Computer Science & Application	19/01/2017
15.	Dr. Sekh Rahim Mondal	Centre for Himalayan Studies	31/08/2016

Retired / Resigned – Officer: Nil

Retired – Non – Teaching

Sl. No.	Name of the Employee	Department	Date of Retirement
01.	Shri Bidhan Ch. Singha	Watch & Ward	30/06/2016
02.	Shri Jawahar Rajak	Office of the Registrar	30/06/2016
03.	Dr. Debiprasad Boot	Center of Himalayan Studies	31/07/2016
04.	Shri Anil Kr. Sinha	University Library	31/08/2016
05.	Shri Harendra Nath Singha	University Library	30/09/2016
06.	Shri Chandra Bahadur Thapa	Watch & Ward	31/10/2016
07.	Shri Ranjit Talukdar	U.S.I.C.	31/10/2016
08.	Shri Dilip Kr. Roy	Life Long Learning & Extension	31/10/2016
09.	Smt. Jharna Chakraborty	Office of the Registrar	31/12/2016
10.	Shri Dilip Kr. Kundu	Office of the Registrar	31/12/2016
11.	Shri Samir Kr. Roy	Watch & Ward	31/01/2017
12.	Shri Mridul Kanti Goswami	Office of the Vice-Chancellor	31/01/2017
13.	Shri Monoj Kr. Munsi	Watch & Ward	31/01/2017

OBITUARY

Teacher – NIL

Officer – NIL

Non – Teaching:

Sl. No.	Name of the Employee	Department	Date of Expired
01.	Purabi Majumder	Office of the Finance Officer	09/08/2016
02.	Parichaya Patowary	Office of the Finance Officer	27/03/2017

CHAPTER - XII

CONVOCATION

**Ph.D. list with name, Supervisor(s) Subject, Topic & Date when admitted
(Old & as per New Ordinance)**

**Ph.D. list of 47th Annual Convocation
(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 Sanyal	History	Urbanization in Malda in the Colonial Period: Growth of English Bazar as a Case Study (1813 - 1947)	Ph.D. (Arts) (Old)	15/7/2016
02	Siddhartha Bhadra	Prof. I. Ray	Commerce	STATUS OF THE COTTON TEXTILE INDUSTRY IN BIRBHUM, BURDWAN AND HOOGHLY 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 PANCHAYATS, PARTICIPATORY RURAL DEVELOPMENT AND LIVELIHOOD	Ph.D. (Commerce) (Old)	15/7/2016
05	Manabendra Roy	Prof. S. De	Political Science	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	বাংলা ভ্রমণ সাহিত্য : পশ্চিম হিমালয়	Ph.D. (Arts)	15/7/2016
07	Nabamita Bakshi	Prof. S.K. Jash	Bengali	আশালতা সিংহের জীবন ও সাহিত্য	Ph.D. (Arts)	15/7/2016

08	Suman Bhattacharyya	Prof. U. Mandal	Bengali	জাতি বর্গ-আন্দোলন ও বাংলা-সাময়িকী : ১৯০২ - ১৯৩৫	Ph.D. (Arts)	15/7/2016
09	Pradipta Chakorty	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
10	Chandrani Das	Prof. Rathin Bandyopadhyay	Law	ECONOMIC AND SOCIAL RIGHTS OF INTERNALLY DISPLACED WOMEN AND CHILDREN UNDER INDIAN LEGAL SYSTEM: A STUDY WITH SPECIAL REFERENCE TO THE SITUATION IN NORTH BENGAL REGION	Ph.D. (Law)	15/7/2016
11	Dinesh Chandra Ray	Prof. I. Sarkar	History	VARENDRA RESEARCH SOCIETY: ITS VISION AND MISSION (1910 - 1963)	Ph.D. (Arts)	5/8/16 & 6/8/16
12	Biswajit Roy	Prof. S.K. Jash	Bengali	ধিমালাভাষা ও সাহিত্য : একটি সমীক্ষা	Ph.D. (Arts)	5/8/16 & 6/8/16
13	Biswajit Ray	Prof. Dipak Kr. Roy	Bengali	আশাপূর্ণা দেবীর উপন্যাসে দাম্পত্য সম্পর্ক	Ph.D. (Arts)	27/09/2016
14	Goutam Kumar Ghosh	Prof. R.N. Ghosh	Philosophy	THE PHILOSOPHY OF RABINDRANATH TAGORE : IN THE LIGHT OF BUDDHISM	Ph.D. (Arts)	27/09/2016
15	Biplab Kumar Saha	Prof. Dipak Kr. Roy	Bengali	উত্তরবঙ্গের সমাজ - সংস্কৃতি ও সাহিত্যে শিব	Ph.D. (Arts)	27/09/2016
16	Bhaswati De	Prof. D. Saha	Philosophy	Intending Death: The Dilemmas of Mercy Killing	Ph.D. (Arts)	27/09/2016
17	Chandan Roy	Prof. S.R. Mukherjee	Economic	The Artisanal Silk Industry of West Bengal: A Study of its History, Performance and Current Problems	Ph.D. (Arts)	27/09/2016
18	Peter Lingdamo	Prof. R.N. Ghosh	Philosophy	The Philosophy of Lepcha Religion - A Critical Study	Ph.D. (Arts) (Old)	19/11/2016
19	Monalisa Chakravorty	Prof. M. Chakravorty	Political Science	POLITICAL EMPOWERMENT OF WOMEN: A STUDY OF GRAM PANCHAYATS IN THE TEA GARDENS OF JALPAIGURI DISTRICT	Ph.D. (Arts)	19/11/2016

20	Joydeep Pal	Prof. Ratna Roy Sanyal & Dr. Nilangshu Sekhar Das (Co-supervisor)	History	Development of Cooch Behar State under the Maharajas (1847-1949) A study of its historical significance	Ph.D. (Arts)	19/11/2016
21	Asoke Kumar Chanda	Prof. Anil Bhumali	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)	24/1/2017
23	Monalisha Biswas	Prof. M. Ghosh	Philosophy	Philosophy and Hermeneutics	Ph.D. (Arts) (Old)	24/01/2017
24	Tapas Adhikary	Prof. M. Bera	Bengali	বিশ্বতকের বাংলা উপন্যাসে আঞ্চলিকতা	Ph.D. (Arts)	24/01/2017
25	Geeta Nirola	Prof. B.K. Upadhyay	Nepali	Tulsiram Sharma Kasyapka Kavya Kriti haruko Vishleshan Ram 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 TERAI (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	চৈতন্যজীবনী রপরিপূরকতার নিরিখে কুচৈতন্যভাগবতের ও কুচৈতন্যচরিতামৃতের	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	মানিকগঞ্জের চৌমুহুর : কাহিনী গল্পনা ও চরিত্র নির্মাণ	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	উনিশশতকের সামাজিক নাটক ও পুস্তকসমাজ আন্দোলন	Ph.D. (Arts)	27/5/2017
39	Prasad Chandra Roy	Prof. A. Bhatta	Bengali	উৎপাদনের নাটকপ্ৰতিবাদী চৈতন্য	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	Ph.D. (Arts)	27/5/2017

				MUNICIPALITY		
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)	

**Ph.D. list of 47th Annual Convocation
(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)	15/07/2016
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 Swertiachirayita (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	Ph.D. (Science)	15/7/2016

				ENVIRONMENTS		
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-N-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-HIEME 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 INTERACTIONS OF SOME BIOMOLECULES AND SIMPLE MOLECULES BY PHYSICO-CHEMICAL PROCESSES IN LIQUID MEDIA	Ph.D. (Science)	5/8/2016 & 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 -chloronitrones	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	Ph.D. (Science)	25/03/2017

				and expression of novel bacterial phytase from environmental samples		
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	Dr. D. Lama, DGC and Dr. R.B. Bhujel	Botany	Studies on the Orchid Flora of Darjeeling Himalaya	Ph.D. (Science)	25/03/2017
38	Nishika Jaishee	Prof. U. Chakraborty	Botany	Phytochemical analysis of some ferns with reference to their antioxidant, hypoglycemic and antimicrobial activities	Ph.D. (Science)	25/03/2017
39	Swarnendu Roy	Prof. U. Chakraborty	Botany	Comparative analyses of tolerance mechanisms in salt-tolerant grasses and rice under salinity stress	Ph.D. (Science)	25/03/2017
40	Shibsankar Karmakar	Prof. S. Mukherjee	Physics	Studies on very compact stars	Ph.D. (Science)	25/03/2017
41	Pragati Pradhan	Prof. B.C. Paul & Prof. B. Paul (Co-supervisor)	Physics	PULSE PROFILE STUDIES AND HARD X-RAY PROPERTIES OF NEUTRON STARS	Ph.D. (Science)	25/03/2017
42	Amit Kumar Mandal	Prof. R. Chakraborty	Biotechnology	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	Prof. M.N. Roy	Chemistry	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	Prof. A. Mukhopadhyay	Physics	Density Fluctuation and Correlation Study of Multiparticle Production in $^{28}\text{Si-Ag/Br}$ Interaction at	Ph.D. (Science)	29/04/2017

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45	Somnath Roy	Prof. B.N. Chakraborty	Botany	STRATEGIES FOR IMPROVEMENT IN CULTIVATION PRACTICES OF OYSTER MUSIROOM IN NORTH BENGAL	Ph.D. (Science)	29/04/2017
46	Amrita Acharya	Prof. S. Ghosh & Prof. B.N. Chakraborty (Co-supervisor)	Biotechnol ogy	Serological and molecular detection of foliar fungal pathogens of <i>Perseabombycina</i> Kost and activation of defense response using bioinoculants	Ph.D. (Science)	29/04/2017
47	Ganesh Bahadur Thapa	Prof. Joydeb Pal	Zoology	STUDIES ON SOME PHYSICO-CHEMICAL PARAMETERS OF WATER BODIES AND MICROBIAL FISII DISEASES IN EASTERN NEPAL.	Ph.D. (Science)	29/04/2017
48	Babli Roy	Prof. B. Basu	Chemistry	Studies on Solid-Phase Organic Reactions & Catalysis : Greener Approaches	Ph.D. (Science)	29/04/2017
49	Moumita Das	Prof. P. Ghosh	Chemistry	ORGANIC POLYMERIC ADDITIVES FOR LUBRICATING OIL.	Ph.D. (Science)	29/04/2017
50	Bhaskar Bagchi	Dr. A.K. Bothra & Prof. P. Ghosh (Co-supervisor)	Chemistry	Quantum chemical calculation and structure activity relationship of bioactive terpenoids	Ph.D. (Science)	29/04/2017
51	Subankar Choudhury	Prof. M.N. Roy	Chemistry	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,	Dr. A. Bhadra	Physics	AN INVESTIGATION ON THE KNEE OF THE COSMIC RAY ENERGY SPECTRUM	Ph.D. (Science)	27/5/2017
53	Baidyanath Ghosh	Prof. P.S. Roy	Chemistry	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	Prof. S. De Sarkar	Mathematics	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)	REPORT TO NEXT EC

Awards of Medals on the occasion of the Convocation P.G. Examinations. (47th Convocation)

Gold Medal

Sl.No.	Name	Subject	Examination	Position
01	Uttara Majumder	Bengali	M.A. (2016)	1 st class 1 st
02	Kapil Tamang	Nepali	M.A. (2016)	1 st class 1 st
03	Prity Shah	Economics	M.A. (2016)	1 st class 1 st
04	Agnita Pal	History	M.A. (2016)	1 st class 1 st
05	Zakecyah Shahnaz	Political Science	M.A. (2016)	1 st class 1 st
06	Angelika Sinha	Sociology	M.A. (2016)	1 st class 1 st
07	Tshusang Lamu Tamang	Strategic & Area Studies	M.A. (2016)	1 st class 1 st
08	Bishnu Pada Barman	Sanskrit	M.A. (2016)	1 st class 1 st
09	Samir Barman	Philosophy	M.A. (2016)	1 st class 1 st
10	Kalpna Kumari	Hindi	M.A. (2016)	1 st class 1 st
11	Rajiv Chaudhary	Commerce	M.Com. (2016)	1 st class 1 st
12	Saptami Sarkar	Geography & Applied Geography	M.A. (2016)	1 st class 1 st
13	Ravi Bhushan Singh	Mass Communication	M.A. (2016)	1 st class 1 st
14	Priyanka Gurung	Rural Development	M.A. (2016)	1 st class 1 st
15	Samstuti Chanda	Physics	M.Sc. (2016)	1 st class 1 st
16	Subhamoy Saha	Chemistry	M.Sc. (2016)	1 st class 1 st
17	Ankita Roy	Mathematics	M.Sc. (2016)	1 st class 1 st
18	Roshni Biswas	Botany	M.Sc. (2016)	1 st class 1 st
19	Debapriya Sen	Zoology	M.Sc. (2016)	1 st class 1 st
20	Upashana Ghissing Darjeeling Govt. College	Botany	M.Sc. (2015)	1 st class 1 st
21	Kheyal Halder Darjeeling Govt. College	Zoology	M.Sc. (2015)	1 st class 1 st
22	Supriya Das Darjeeling Govt. College	Botany	M.Sc. (2016)	1 st class 1 st
23	Aditya Pradhan Darjeeling Govt. College	Zoology	M.Sc. (2016)	1 st class 1 st
24	Mampi Debnath	Anthropology	M.Sc. (2016)	1 st class 1 st
25	Nibendu Mondal	Biotechnology	M.Sc. (2016)	1 st class 1 st
26	Rounak Chourasia	Microbiology	M.Sc. (2016)	1 st class 1 st
27	Arpita Das	Computer Science	M.Sc. (2016)	1 st class 1 st
28	Riya Dey		M.C.A (2016)	1 st class 1 st
29	Tamalika Guha		MLIS (2016)	1 st class 1 st
30	Samuel Ashish Chhetri		MBA (2016)	1 st class 1 st
31	Indrani Kundu		L.L.M. (2016)	1 st class 1 st

SILVER MEDAL

Sl.No.	Name	Subject	Examination	Position
32	Satabdy Kar	Bengali	M.A. (2016)	1 st class 2 nd
33	Puja Mahajan	English	M.A. (2016)	2 nd class 1 st
34	Chandrika Rai	Nepali	M.A. (2016)	1 st class 2 nd
35	Bijoy Kumar Dey	Economics	M.A. (2016)	1 st class 2 nd
36	Suraj Rai	History	M.A. (2016)	1 st class 2 nd
37	Mary Bal	Political Science	M.A. (2016)	1 st class 2 nd
38	Ritu Mangar	Sociology	M.A. (2016)	1 st class 2 nd
39	Archana Thapa	Sociology	M.A. (2016)	1 st class 2 nd
40	Rubina Subba	Strategic & Area Studies	M.A. (2016)	1 st class 2 nd
41	Riya Karmakar	Sanskrit	M.A. (2016)	1 st class 2 nd
42	Riya Saha	Philosophy	M.A. (2016)	1 st class 2 nd
43	Gobind Kumar Yadav	Hindi	M.A. (2016)	1 st class 2 nd
44	Tanushree Roy	Geography & Applied Geography	M.A. (2016)	1 st class 2 nd
45	Bhumika Pradhan	Rural Development	M.A. (2016)	2 nd class 1 st
46	Suchismita Paul	Commerce	M.Com. (2016)	1 st class 2 nd
47	Mandira Pal	Physics	M.Sc. (2016)	1 st class 2 nd
48	Subhasis Shit	Chemistry	M.Sc. (2016)	1 st class 2 nd
49	Oindrila Saha	Mathematics	M.Sc. (2016)	1 st class 2 nd
50	Ashish Prasad	Botany	M.Sc. (2016)	1 st class 2 nd
51	Nirmalya Bhowmik	Zoology	M.Sc. (2016)	1 st class 2 nd
52	Prasansa Rai Darjeeling Govt. College	Botany	M.Sc. (2015)	1 st class 2 nd
53	Prerna Sinchury Darjeeling Govt. College	Zoology	M.Sc. (2015)	1 st class 2 nd
54	Anindita Ghosh Darjeeling Govt. College	Botany	M.Sc. (2016)	1 st class 2 nd
55	Sanam Rai Darjeeling Govt. College	Zoology	M.Sc. (2016)	1 st class 2 nd
56	Antara Bose	Anthropology	M.Sc. (2016)	1 st class 2 nd
57	Cessna Bhattacharyya	Biotechnology	M.Sc. (2016)	1 st class 2 nd
58	Upasana Mangrati	Microbiology	M.Sc. (2016)	1 st class 2 nd
59	Rohan Chettri	Computer Science	M.Sc. (2016)	1 st class 2 nd
60	Dipanjana Kundu		M.C.A(2016)	1 st class 2 nd
61	Prakash Das		MLIS (2016)	1 st class 2 nd
62	Saptarshi Roy		MBA (2016)	1 st class 2 nd
63	Priyashikha Rai		I.L.M. (2016)	1 st class 2 nd
64	Rohan Prasad	Mass Communication	M.A. (2016)	1 st class 2 nd

Endowment Medal / Prize P.G. Examinations. (47th Convocation)

ENDOWMENT MEDAL/PRIZE (P.G. EXAMINATIONS 2016)

Sl.No.	Name of the Medal	Name of the candidate and position	Donor
65	Mukutmani Medal	Prity Shah 1 st class 1 st M.A. (Economics), 2016	Late Kalipada Mukutmani
66	Surojmohini Debi Medal	Agnita Pal 1 st class 1 st M.A. (History), 2016	Sri Nripen Baksi
67	SulataDatta Memorial Prize	Uttara Majumder 1 st class 1 st M.A. (Bengali), 2016	Sri M.B. Datta
68	Birendra Chandra Chatterjee Smriti Puraskar	Zakeeyah Shahnaz 1 st class 1 st M.A. (Pol. Science), 2016	Sri Krishna Chandra Chatterjee
69	Thakur Panchanan Burma Memorial Medal	Angelika Sinha 1 st class 1 st M.A. (Sociology), 2016	Panchanan Smarak Samiti
70	Dr. Parasmani Pradhan Memorial Medal	Kapil Tamang 1 st class 1 st M.A. (Nepali), 2016	Sri Indramani Pradhan
71	Late K.C. Dev Prize	Rajiv Chaudhary 1 st class 1 st M.Com., 2016	Prof. K. Dev
72	Late Sudhir Ch. Chakraborty Memorial Medal	Rajiv Chaudhary 1 st class 1 st M.Com., 2016	Late Sova Rani Chakraborty
73	Surendranath Bhattacharya Medal	Subhamoy Saha 1 st class 1 st M.Sc. (Chemistry), 2016	Late Anandamay Bhattacharya
74	Tariniprosad Roy Medal	Samstuti Chanda 1 st class 1 st M.Sc. (Physics), 2016	Late S.P. Roy
75	Late Sudhir Ch. Chakraborty Memorial Medal	Samstuti Chanda 1 st class 1 st M.Sc. (Physics), 2016	Late Sova Rani Chakraborty
76	Kiran Ch. Bhattacharya Medal	Ankita Roy 1 st class 1 st M.Sc. (Mathematics), 2016	Late Kanti Ch. Bhattacharya
77	Late Sourav Bhattacharya Memorial Prize	Riya Dey 1 st class 1 st (M.C.A.), 2016	Sri Pulak Bhattacharya
78	Jindal Jublee Gold Medal	Riya Dey 1 st class 1 st (M.C.A.), 2016	Jindal Aluminium Ltd.
79	Medal	Mampi Debnath Obtained highest marks in the Faculty of Science, 2016	NBU Alumni Association
80	Bidhuranjan Adhikary Memorial Medal	Saptami Sarkar 1 st class 1 st M.A. (Geography & Appl. Geo.), 2016	Smt. Sumita Adhikary
81	Scholarship	Amrita Chakraborty Obtained highest marks in	Prof. Bhaskar Dutta

		(1 st and 2 nd Sem. Combined in Economics, 2016) M.A. (Economics), 2016	
82	Medal	Bishnu Pada Barman Obtained highest marks Faculty of Arts, Commerce & Law, 2016	NBU Alumni Association
83	Abaninath Bhattacharya Medal	Puja Mahajan 1 st position M.A. (English), 2016	Late Anandamay Bhattacharya
84	Tarulata Mitra Memorial Medal	Puja Mahajan 1 st position M.A. (English), 2016	Sri Prasanta Kr. Mitra
85	Late Ananga R. Sengupta Memorial Medal	Md. Altam Ahmed Highest marks in P.G.D.T.M., 2016	Prof. P.R. Sengupta

Awards of Medals on the occasion of the Convocation U.G. Examinations. (47th Convocation)

Gold Medal

Sl.No.	Name	Subject	Examination	Position
01	Abhijit Baishya	Physics	B.Sc. (Hons.) 2016	1 st class 1 st
02	Saibalendu Sarkar	Chemistry	B.Sc. (Hons.) 2016	1 st class 1 st
03	Sourav Mandal	Mathematics	B.Sc. (Hons.) 2016	1 st class 1 st
04	Suyojna Tamang	Botany	B.Sc. (Hons.) 2016	1 st class 1 st
05	Parna Saha	Zoology	B.Sc. (Hons.) 2016	1 st class 1 st
06	Ilimadri Shekhaar Baul	Physiology	B.Sc. (Hons.) 2016	1 st class 1 st
07	Debangshu Chakraborty	Computer Science	B.Sc. (Hons.) 2016	1 st class 1 st
08	Prayatna Sharma	Microbiology	B.Sc. (Hons.) 2016	1 st class 1 st
09	Riya Bong	English	B.A. (Hons.) 2016	1 st class 1 st
10	Roshni Bhujel	Nepali	B.A. (Hons.) 2016	1 st class 1 st
11	Udhab Sharma	Hindi	B.A. (Hons.) 2016	1 st class 1 st
12	Piyali Lodh	Sanskrit	B.A. (Hons.) 2016	1 st class 1 st
13	Swastika Lama	Economics	B.A. (Hons.) 2016	1 st class 1 st
14	Mangistha Roy	Geography	B.A. (Hons.) 2016	1 st class 1 st
15	Papan Shil	Philosophy	B.A. (Hons.) 2016	1 st class 1 st
16	Suchitra Mukhia	Sociology	B.A. (Hons.) 2016	1 st class 1 st
17	Sanghamitra Sarkar	Education	B.A. (Hons.) 2016	1 st class 1 st
18	Raina Mohalanobish	Psychology	B.A. (Hons.) 2016	1 st class 1 st
19	Deeksha Sharma	Mass Comm. & Journalism	B.A. (Hons.) 2016	1 st class 1 st
20	Iftakharul Hoque	Urdu	B.A. (Hons.) 2016	1 st class 1 st
21	Sarika Rathi	Accounting	B.Com. (Hons.), 2016	1 st class 1 st
22	Milayanka Datta	Management	B.Com. (Hons.) 2016	1 st class 1 st
23	Shaheen Parween	Law	B.A. LL.B. (Hons.) 2016	1 st class 1 st

SILVER MEDAL

24	Debabrata Paul	Physics	B.Sc. (Hons.) 2016	1 st class 2 nd
25	Subham Nath	Chemistry	B.Sc. (Hons.) 2016	1 st class 2 nd
26	Abdush Salam Pramanik	Mathematics	B.Sc. (Hons.) 2016	1 st class 2 nd
27	Abhijit Sarkar	Botany	B.Sc. (Hons.) 2016	1 st class 2 nd

28	Sandeeban Das	Zoology	B.Sc. (Hons.) 2016	1 st class 2 nd
29	Taniya Saha	Physiology	B.Sc. (Hons.) 2016	1 st class 2 nd
30	Archita Chakraborty	Computer Science	B.Sc. (Hons.) 2016	1 st class 2 nd
31	Minakshi Deb	Microbiology	B.Sc. (Hons.) 2016	1 st class 2 nd
32	Sneha Agarwal	Accounting	B.Com. (Hons.) 2016	1 st class 2 nd
33	Shreya Agarwal	Management	B.Com. (Hons.) 2016	1 st class 2 nd
34	Tishya Majumder	English	B.A. (Hons.) 2016	1 st class 2 nd
35	Rukshat Thapa	Nepali	B.A. (Hons.) 2016	1 st class 2 nd
36	Suraj Roy	Sanskrit	B.A. (Hons.) 2016	1 st class 2 nd
37	Tapas Barman	Political Science	B.A. (Hons.) 2016	2 nd class 1 st
38	Remo Chettri	Economics	B.A. (Hons.) 2016	2 nd class 1 st
39	Satakshi Saha	Geography	B.A. (Hons.) 2016	1 st class 2 nd
40	Ankita Paul	Philosophy	B.A. (Hons.) 2016	1 st class 2 nd
41	Paushali Chowdhury	Sociology	B.A. (Hons.) 2016	1 st class 2 nd
42	Siddhika Moktan	Sociology	B.A. (Hons.) 2016	1 st class 2 nd
43	Ataur Hossain	Education	B.A. (Hons.) 2016	1 st class 2 nd
44	Renita Washington	Psychology	B.A. (Hons.) 2016	2 nd class 1 st
45	Shagufta	Urdu	B.A. (Hons.) 2016	1 st class 2 nd
46	Priya Prasad	Law	B.A. LL.B. (Hons.) 2016	1 st class 2 nd
47	Chancharika Bhattacharyya	Bengali	B.A. (Hons.) 2016	2 nd class 1 st
48	Puja Prasad	Hindi	B.A. (Hons.) 2016	2 nd class 1 st
49	Satrugan Sah	Hindi	B.A. (Hons.) 2016	2 nd class 1 st
50	Loknath Saha	History	B.A. (Hons.) 2016	2 nd class 1 st
51	Shrijana Subba	Mass Comm. & Journalism	B.A. (Hons.) 2016	2 nd class 1 st
52	Varsha Rani Agarwal	Law	LL.B (3 yrs.) 2016	1 st Class 1 st
53	Shibu Roy		B.A. General (2016)	1 st Class 1 st
54	Karishma Lahoti		B.Com. General (2016)	1 st class 1 st
55	Dipika Sarkar		B.Sc. General (2016)	1 st class 1 st
56	Secma Agarwal		B.A. LL.B. General (2016)	1 st class 1 st
57	Rohit Agarwal		B.Com. LL.B. General (2016)	1 st class 1 st
58	Puja Agarwal		B.B.A, LL.B. General (2016)	1 st class 1 st
University Bronze Medal				
59	Aditi Roy		BIJS (2016)	1 st class 1 st

Endowment Medal / Prize U.G. Examinations. (47th Convocation)

ENDOWMENT MEDAL/PRIZE (U.G. EXAMINATIONS 2016)

Sl. No.	Name of the Medal	Name of the candidate and position	Donor
60	Tarapada Banerjee Medal	Riya Bong 1 st class 1 st B.A. (Hons.) (English), 2016	Late Tarapada Banerjee
61	Kartick Ch. Maiti Memorial Medal	Tishya Majumder Securing second highest marks in B.A. (Hons.) in English, 2016	Dr. Kartick Ch. Maiti
62	Bisweswari Devi Medal	Piyali Lodh	Sri Nripen Baksi

		1 st class 1 st B.A. (Hons.)(Sanskrit), 2016	
63	Book Prize	Sarika Rathi 1 st Class 1 st B.Com. (Hons.) (Accounting), 2016	Institute of Chartered Accountants of India
64	Book Prize	Milayanka Datta 1 st Class 1 st B.Com. (Hons.) (Management), 2016	Institute of Chartered Accountants of India
65	Late Premada Devi Medal	Sarika Rathi 1 st class 1 st B.Com. (Hons.) (Accounting), 2016	Prof. K. Dev
66	Late Premada Devi Medal	Milayanka Datta 1 st class 1 st B.Com. (Hons.) (Management), 2016	Prof. K. Dev
67	Dr. AbulKasem Memorial Medal	Papan Shil 1 st class 1 st B.A. (Hons.) (Philosophy), 2016	Dr. Hasna Hana Begum
68	Narmada Devi Memorial Gold Medal	Sanghamitra Sarkar Securing highest marks in B.A. (Hons.) examination including all subjects, 2016	Smt. JayasreeSengupta
69	Jyotsnamayee Medal	Tandra Saha Highest marks among the girls student in B.A. General Course, 2016	Late Tarapada Banerjee
70	Jyotsnamayee Medal	Dipika Sarkar Highest marks among the girls student in B.Sc. General Course, 2016	Late Tarapada Banerjee
71	ParulPrabha Mukherjee & Sri Haridas Mukherjee Memorial Medal	Tapas Barman 2 nd class 1 st B.A. (Hons.) (Political Science), 2016	Prof. Saktidas Mukherjee
72	Gold Medal	Priya Prasad 1 st class 2 nd B.A. LL.B. (Hons.), 2016	Janpath Samachar
73	Late Dr. Ajoy Ranjan Chakraborty Memorial Prize	Aditi Roy 1 st Position in BLIS, 2016 BLIS, 2016	Smt. Ruma Ghosh
74	Bibhutibhusan Ghosh Memorial Medal	Seema Agarwal 1 st position in BA. LLB (General 2016)	Smt. Ruma Ghosh
75	P.K. Sengupta Memorial Gold Medal	Seema Agarwal Highest marks in BA. LLB. (General, 2016)	Smt. Jayasree Sengupta
76	Late Dibish Ch. Ray Memorial Medal	Seema Agarwal 1 st position in BA. LLB (General, 2016)	Smt. Bharati Ray

CHAPTER - XIII

AFFILIATED COLLEGES

Affiliated Colleges

Sl. No.	Details	Numbers/Names, Remarks
1.	Total number and name of colleges affiliated to the University of North Bengal	62 (See Appendix - A)
2.	Total number of teachers in the affiliated colleges college wise	See Appendix - B
3.	Name of the new colleges for the academic session 2016-17	1. Trinity B.Ed. College 2. Uttarayan College of Education
4.	Number and name of the constituent colleges	1. University B.T. Evening College
5.	Total number of teachers in constituent colleges college-wise	1. University B.T. Evening College -38
6.	Number and name of the total Non-government colleges (including minority college and private colleges)	57 (See Appendix - C)
7.	Number and name of the total B.Ed. colleges	<p>a) Govt.-aided colleges</p> <p>1. S.R.B.T. College 2. Siliguri B.Ed.College 3. A.C.Training College 4. University B.T.& Evening College</p> <p>b) Self-financed Colleges</p> <p>1. Coochbehar B.Ed. Training College 2. Vidyasagar College of Education 3. Kabiguru Rabindranath College of Education 4. Alipurduar B.Ed. Training College 5. Dhupguri College of Education 6. NBS College of Education 7. Pragati College of Education 8. Eastern Dooars B.Ed. Training College 9. Manoranjan Saha B.Ed. Training College 10. Trinity B.Ed. College 11. Uttarayan College of Education</p>
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-38
12.	Total enrolment, Graduate level all courses	UG – 70440
13.	Percentage of SC/ST/OBC/BC/PWD, minorities	SC=27.5%, ST=7%, OBC=17%
14.	Number and name of the total Autonomous Colleges	Nil

Appendix - A

Total number and name of colleges affiliated to the University of North Bengal

Sl. No.	Name of the Colleges	Sl. No.	Name of the Colleges
1.	Darjeeling Government College	32.	Alipurduar College
2.	Kalimpong College	33.	PMS Mahavidyalaya
3.	Bijanbari Degree College	34.	Sukanta Mahavidyalaya
4.	Kurseong College	35.	Vivekananda College
5.	St. Joseph's College	36.	Saheed Kshudiram College
6.	Cluny Women's College	37.	Nani Bhattacharjee S. Mahavidyalaya
7.	South Field College	38.	Maynaguri College
8.	Siliguri College	39.	N.B. St. Xavier's College
9.	SRBT College	40.	Alipurduar Mahila Mahavidyalaya
10.	Siliguri College of Commerce	41.	Model B.P.Ed. College
11.	Salesian College	42.	Rajganj College
12.	Siliguri Mahila Maha vidyalaya	43.	Samuktala Sidhu Kanhu College
13.	Sonada Degree College	44.	University B.T. & Evening College
14.	Siliguri B.Ed. College	45.	Coochbehar B.Ed. Training College
15.	K.P. Ghosh Tarai Mahavidyalaya	46.	Islampur College
16.	Surya Sen Mahavidyalaya	47.	Kabiguru Rabindranath College of Education
17.	Mirik Degree College	48.	Alipurduar B.Ed. Training College
18.	Ghoom Jorebunglow Degree College	49.	Chopra Kamala Paul Smriti Mahavidyalaya
19.	Gyanjyoti College	50.	Dhupguri Girls' College
20.	Nakshalbari College	51.	Lilabati Mahavidyalaya
21.	Vidyasagar College of Education	52.	Dhupguri College of Education
22.	Munshi Premchand Mahavidyalaya	53.	N.B.S. College of Education
23.	A.P.C. Roy Govt. College	54.	Pragati College of Education
24.	Indian Institute of Legal Studies	55.	Banarhat Kartik Oraon Hindi Govt. College
25.	Ananda Chandra College	56.	Eastern Dooars B. Ed. Training College
26.	Ananda Chandra College of Commerce	57.	Manoranjan Saha B.Ed. Training College
27.	Ananda Chandra Training College	58.	Govt. General Degree College (Gorubathan)
28.	P.D. Women's College	59.	Govt. General Degree College (Pedong)
29.	Birpara College	60.	Pijush Kanti Mukherjee Mahavidyalaya
30.	Jalpaiguri Law College	61.	Trinity B.Ed. College
31.	Falakata College	62.	Uttarayan College of Education

Total number of teachers in the affiliated colleges college wise

Sl. No.	Name of the Colleges	Total number of Teachers	Sl. No.	Name of the Colleges	Total number of Teachers
1.	Darjeeling Government College	136	32.	Alipurduar College	46
2.	Kalimpong College	52	33.	PMS Mahavidyalaya	35
3.	Bijanbari Degree College	07	34.	Sukanta Mahavidyalaya	38
4.	Kurseong College	49	35.	Vivekananda College	15
5.	St. Joseph's College	73	36.	Sahced Kshudiram College	17
6.	Cluny Women's College	21	37.	Nani Bhattacharjee S. Mahavidyalaya	19
7.	South Field College	26	38.	Maynaguri College	44
8.	Siliguri College	87	39.	N.B. St. Xavier's College	39
9.	SRBT College	10	40.	Alipurduar Mahila Mahavidyalaya	19
10.	Siliguri College of Commerce	19	41.	Model B.P.Ed. College	07
11.	Salesian College	29	42.	Rajganj College	26
12.	Siliguri Mahila Maha vidyalaya	19	43.	Samuktala Sidhu Kanhu College	14
13.	Sonada Degree College	13	44.	University B.T. & Evening College	38
14.	Siliguri B.Ed. College	08	45.	Coochbehar B.Ed. Training College	06
15.	K.P. Ghosh Tarai Mahavidyalaya	41	46.	Islampur College	34
16.	Surya Sen Mahavidyalaya	51	47.	Kabiguru Rabindranath College of Education	15
17.	Mirik Degree College	12	48.	Alipurduar B.Ed. Training College	15
18.	Ghoom Jorebunglow Degree College	26	49.	Chopra Kamala Paul Smriti Mahavidyalaya	12
19.	Gyanjyoti College	35	50.	Dhupguri Girls' College	16
20.	Nakshalbari College	21	51.	Lilabati Mahavidyalaya	14
21.	Vidyasagar College of Education	08	52.	Dhupguri College of Education	15
22.	Munshi Premchand Mahavidyalaya	23	53.	N.B.S. College of Education	10
23.	A.P.C. Roy Govt. College	41	54.	Pragati College of Education	10
24.	Indian Institute of Legal Studies	25	55.	Banarhat Kartik Oraon Hindi Govt. College	17
25.	Ananda Chandra College	65	56.	Eastern Dooars B. Ed. Training College	15
26.	Ananda Chandra College of Commerce	20	57.	Manoranjan Saha B.Ed. Training College	08
27.	Ananda Chandra Training College	08	58.	Govt. General Degree College (Gorubathan)	21

28.	P.D. Women's College	49	59.	Govt. General Degree College (Pedong)	18
29.	Birpara College	23	60.	Pijush Kanti Mukherjee Mahavidyalaya	07
30.	Jalpaiguri Law College	14	61.	Trinity B.Ed. College	08
31.	Falakata College	19	62.	Uttarayan College of Education	08

Appendix - C

**Number and name of the total Non-government colleges
(including minority college and private colleges)**

Sl. No.	Name of the Colleges	Sl. No.	Name of the Colleges
1.	Kalimpong College	31.	PMS Mahavidyalaya
2.	Bijanbari Degree College	32.	Sukanta Mahavidyalaya
3.	Kurseong College	33.	Vivekananda College
4.	St. Joseph's College	34.	Saheed Kshudiram College
5.	Cluny Women's College	35.	Nani Bhattacharjee S. Mahavidyalaya
6.	South Field College	36.	Maynaguri College
7.	Siliguri College	37.	N.B. St. Xavier's College
8.	SRBT College	38.	Alipurduar Mahila Mahavidyalaya
9.	Siliguri College of Commerce	39.	Model B.P.Ed. College
10.	Salesian College	40.	Rajganj College
11.	Siliguri Mahila Maha vidyalaya	41.	Samuktala Sidhu Kanhu College
12.	Sonada Degree College	42.	University B.T. & Evening College
13.	Siliguri B.Ed. College	43.	Coochbehar B.Ed. Training College
14.	K.P. Ghosh Tarai Mahavidyalaya	44.	Islampur College
15.	Surya Sen Mahavidyalaya	45.	Kabiguru Rabindranath College of Education
16.	Mirik Degree College	46.	Alipurduar B.Ed. Training College
17.	Ghoom Jorebunglow Degree College	47.	Chopra Kamala Paul Smriti Mahavidyalaya
18.	Gyanjyoti College	48.	Dhupguri Girls' College
19.	Nakshalbari College	49.	Lilabati Mahavidyalaya
20.	Vidyasagar College of Education	50.	Dhupguri College of Education
21.	Munshi Premchand Mahavidyalaya	51.	N.B.S. College of Education
22.	Indian Institute of Legal Studies	52.	Pragati College of Education
23.	Ananda Chandra College	53.	Eastern Dooars B. Ed. Training College
24.	Ananda Chandra College of Commerce	54.	Manoranjan Saha B.Ed. Training College
25.	Ananda Chandra Training College	55.	Pijush Kanti Mukherjee Mahavidyalaya
26.	P.D. Women's College	56.	Trinity B.Ed. College
27.	Birpara College	57.	Uttarayan College of Education
28.	Jalpaiguri Law College		
29.	Falakata College		
30.	Alipurduar College		

CHAPTER - XIV

JALPAIGURI CAMPUS

Jalpaiguri Campus

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 Raikot Kalakendra.

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. The University has decided to introduce this department keeping in mind the rich tradition of Sanskrit learning in this region. The departments have depended predominantly on the faculties of the NBU main campus and the out-house faculties of different universities and colleges in and outside the West Bengal.

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.

The intake capacity for the Bengali, English and Sanskrit is 45 each, while that of the Department of Geography & Applied Geography is 30.

Persons working on Contractual Basis

Sl. No.	Name of the Post	Name
1.	Assistant Registrar	Dr. Susmita Misra
2.	Junior Peon	Sri Rony Dutta

Sanctioned post:

Associate professor - 01, Assistant Professors - 12, Officers - 04, Non-teaching - 08

Library facilities available at this campus

Department	No. of Books	Books purchased under RUSA
Bengali	1081	NA
English	407	NA
Sanskrit	715	1437
Geography & Applied Geography	144	33
	72	NA

➤ UGC-Infonet Digital Library Consortium *Jstore* E-Journal with Internet facilities at Library for all students.

Laboratory Facilities:

- Computer Laboratory for General Students.
- Laboratory facilities with Surveying Instruments, Soil Testing Instruments, Raingauge, Barograph, Fluviometer and Computers for Geography & Applied Geography students.

Other Facilities:

1. Students Canteen.
2. Indoor Games.
3. Musical Instruments.
4. Photocopy facility.

DEPARTMENT OF ENGLISH

Introduction of the Department	Name of Faculties		Name of Non Teaching Staff	Students Strength		Organize Seminar	Publication	Any Other Activities
	In House	Out House		Male	Female			
2013	Prof. G.N. Ray Prof. S. Samanta Prof. A. Sengupta Asso. Prof. C. Laha Asso. Prof. B.P. Ray Asstt. Prof. R. Ghosh	NIL	NIL	22	52	NIL	Islam in performance; contemporary place from South Asia, 2017 (A. Sengupta) The past (Im) perfect: Re-reading the English past Perfective in Theory and Practices, 2016 Karna-Kunti Dialogue; Representations by different hand, 2017 (C. Laha) Tribute to Rabindranath: A Review of Ishita Bhaduri's Rabindranath in Brown Critique, 2016 Musing's in Brown Critique, 2016 Musing's in Brown Critique, 2017 Poems in Shabdaguchha, 2016 (B.P.Ray) Thinking liperapure across continents (Burham & London: Duke University Press with J. Hilis Miller, 2016 Transcultural poetics and the concept of the poet (New York: Routledge), 2017 Aesthetics, politics, pedagogy, Tagore: towards a transcultural phyloshopy of education (London: Palgrave Macmillan, 2017 (R. Ghosh)	Nil

DEPARTMENT OF GEOGRAPHY & APPLIED GEOGRAPHY

Introduction of the Department	Name of Faculties		Name of Non Teaching Staff	Students Strength		Organize Seminar	Publication	Any Other Activities
	In House	Out House		Male	Female			

DEPARTMENT OF SANSKRIT

Introduction of the Department	Name of Faculties		Name of Non Teaching Staff	Students Strength		Organize Seminar	Publication	Any Other Activities
	In House	Out House		Male	Female			

DEPARTMENT OF BENGALI

Introduction of the Department	Name of Faculties		Name of Non Teaching Staff	Students Strength		Organize Seminar	Publication	Any Other Activities
	In House	Out House		Male	Female			

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