

ANNUAL REPORT

For the Year **2014-2015**



ENLIGHTENMENT TO PERFECTION

UNIVERSITY OF NORTH BENGAL

Raja Rammohunpur, P.O. NBU
Dist. Darjeeling, West Bengal
PIN 734013

The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that every entry, no matter how small, should be recorded to ensure the integrity of the financial statements. This includes not only sales and purchases but also expenses and income. The document provides a detailed explanation of how to categorize these transactions correctly, ensuring they are recorded in the appropriate accounts. It also discusses the importance of regular reconciliation to identify any discrepancies early on and correct them before they become significant.

The second part of the document focuses on the preparation of the financial statements. It outlines the steps involved in calculating the net income, from determining the total revenue to subtracting all expenses and taxes. It provides a clear breakdown of the components of each statement, such as the balance sheet, income statement, and cash flow statement. The document also includes a section on how to present these statements in a clear and professional manner, including the use of appropriate headings and footnotes. It stresses the importance of providing a clear and concise summary of the company's financial performance over the reporting period.

The final part of the document discusses the importance of reviewing the financial statements and providing a clear and concise summary of the company's financial performance. It emphasizes that the financial statements should be reviewed carefully to ensure they are accurate and complete. It also discusses the importance of providing a clear and concise summary of the company's financial performance, including a discussion of the key factors that have influenced the results. The document concludes by emphasizing the importance of maintaining accurate records and providing a clear and concise summary of the company's financial performance to ensure the integrity of the financial statements.

ANNUAL REPORT

2014-2015



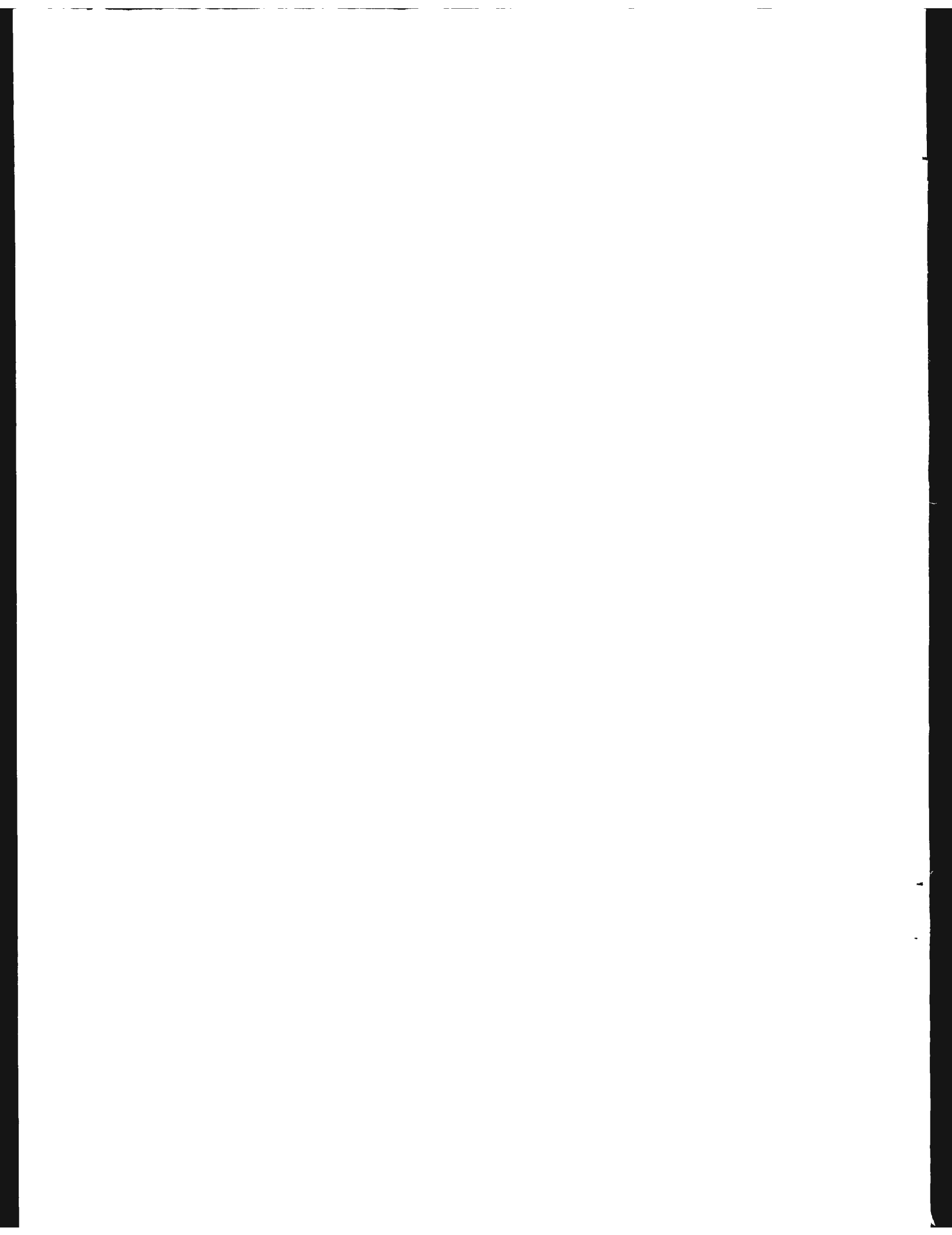
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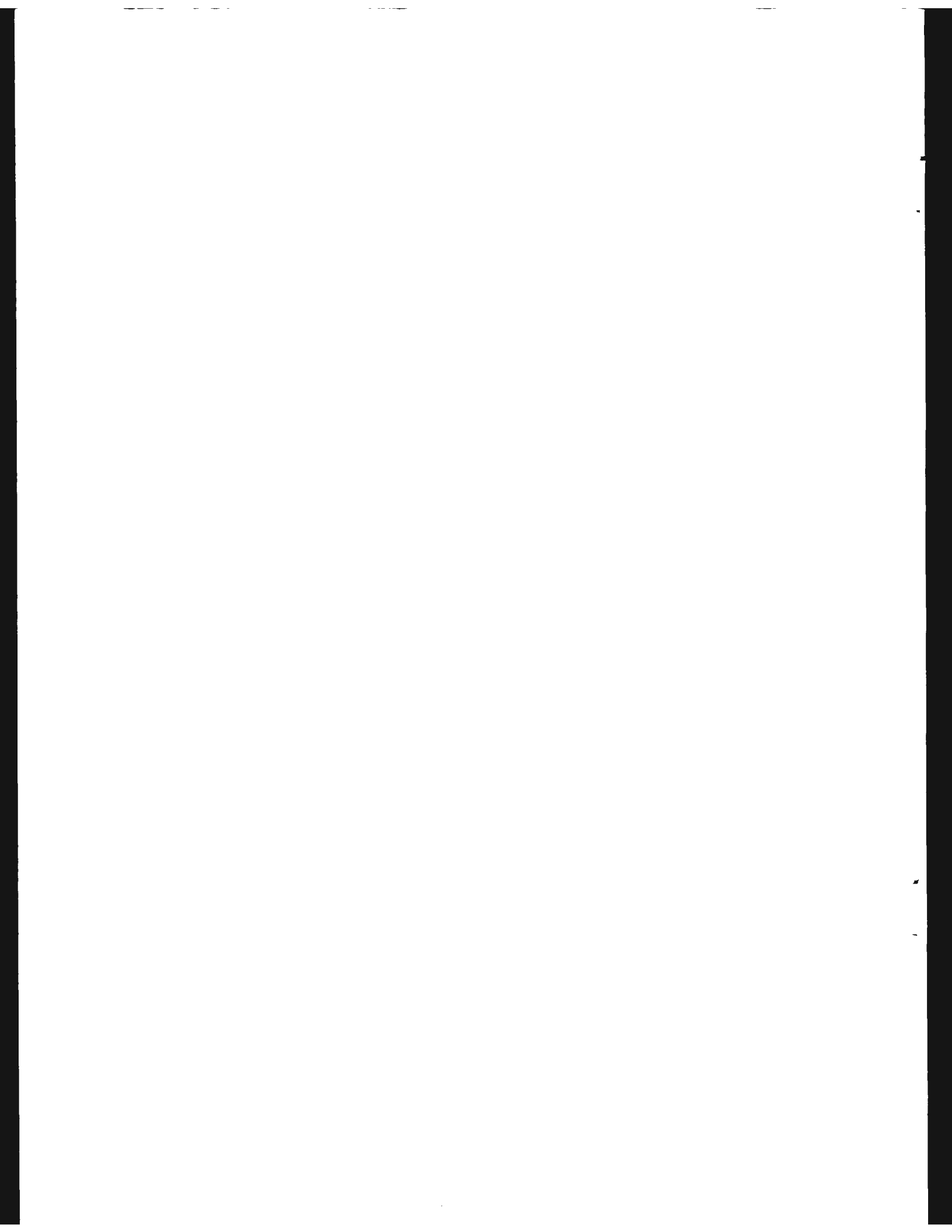
UNIVERSITY OF NORTH BENGAL

Raja Rammohunpur

Dt. Darjeeling

PIN - 734013





Professor Dr. Somnath Ghosh
M.Sc., Ph.D.
Vice-Chancellor
University of North Bengal



ENLIGHTENMENT TO PERFECTION

UNIVERSITY OF NORTH BENGAL

Web site: <http://www.nbu.ac.in>

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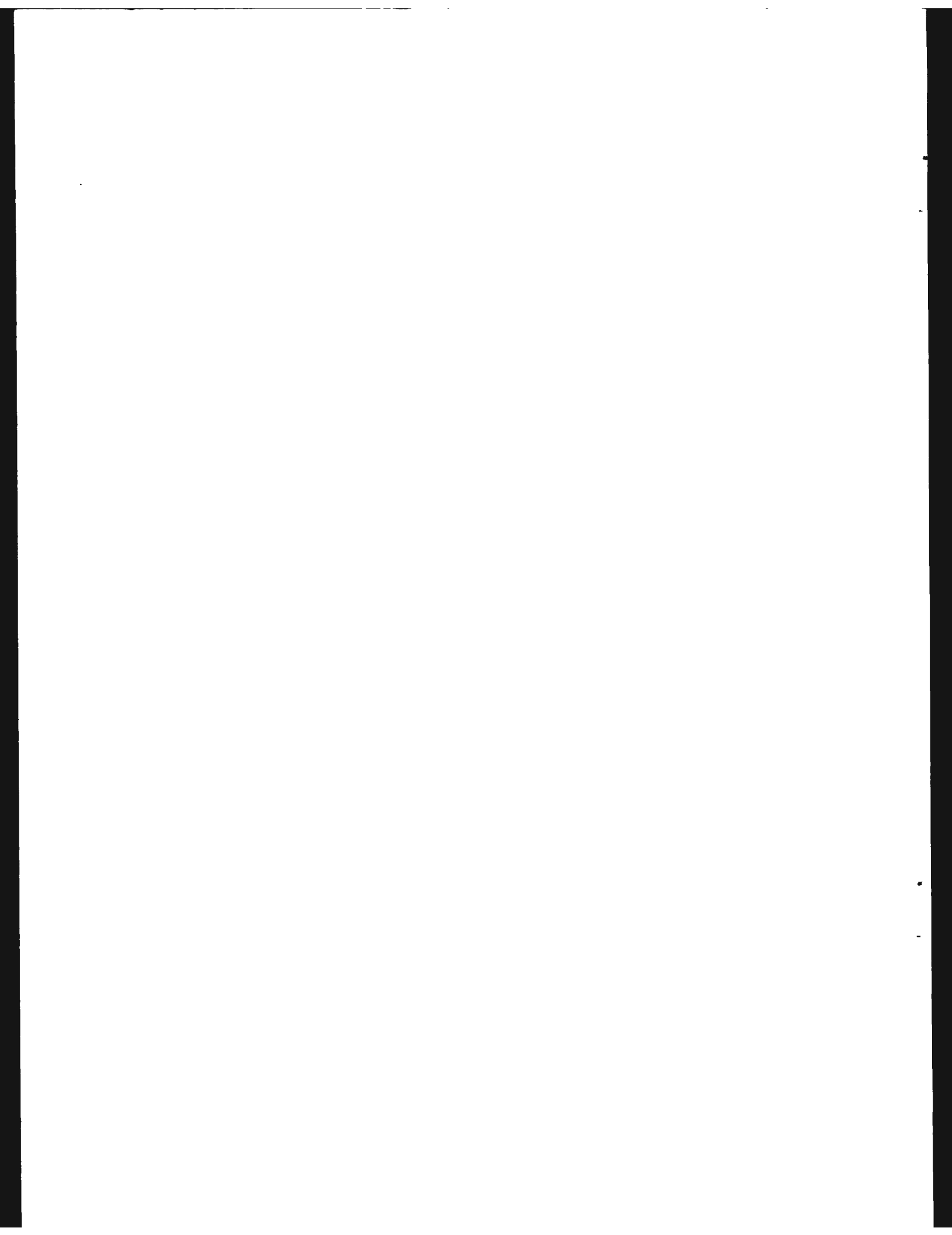
FOREWORD

The Annual Report (2014-2015) is offering and portrays the activities of the departments which reflect overall progress of the University. Many of our teachers are engaged in various research activities and have contributed significantly in the proliferation of knowledge in the subjects. It is our endeavour to do our best in creating a human resource base for the uplift of social and economic status of the people in this region.

I personally thank all the persons associated with this publication and their spontaneous cooperation to bring out this edition of Annual Report.

Place: Raja Rammohunpur
Dated: The 14th September, 2016

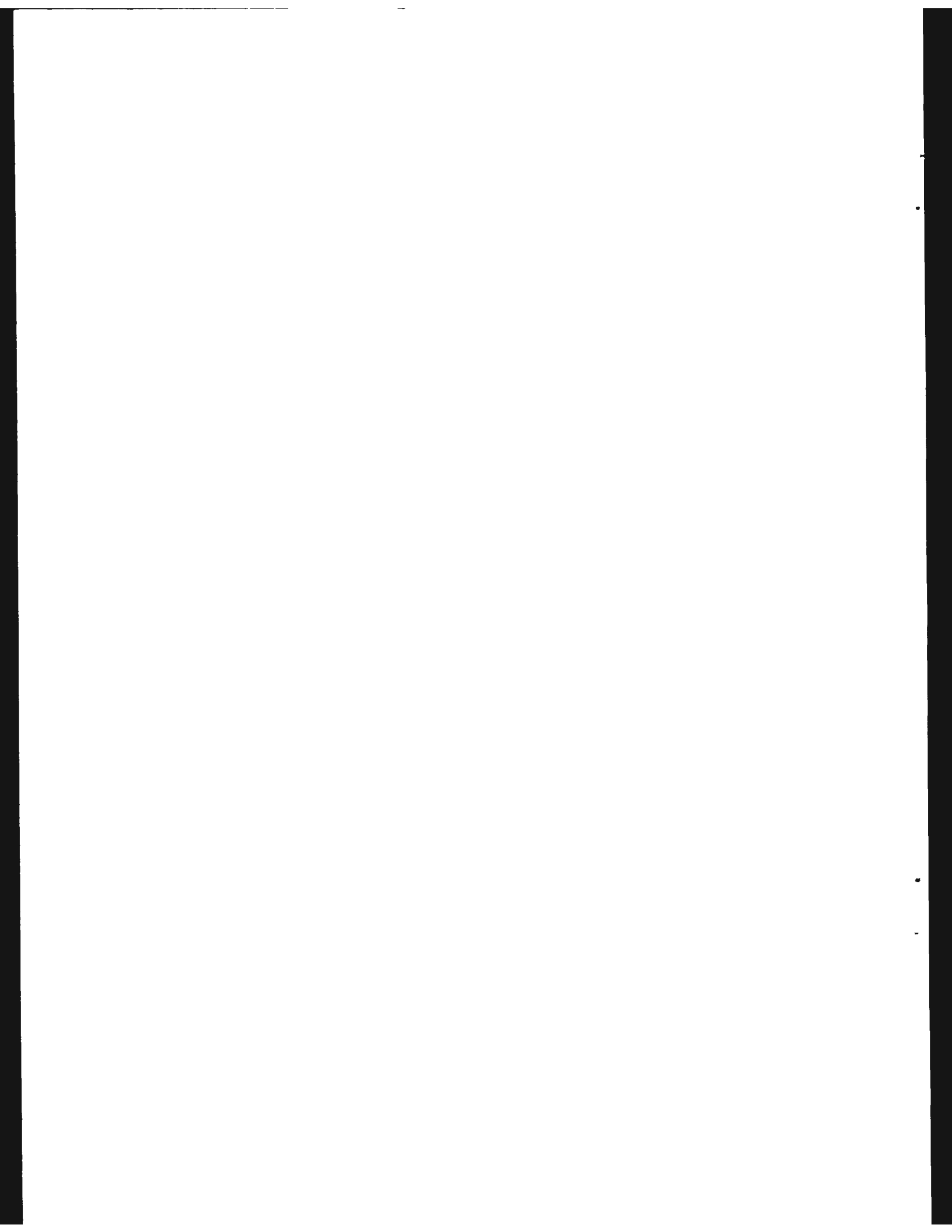
Somnath Ghosh
14.9.2016
Professor Somnath Ghosh
Vice-Chancellor
University of North Bengal



LIST OF OFFICERS' FOR THE YEAR 2014-2015

(AS ON 31.03.2015)

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	Dr.Ishan Ghosh	Medical Officer
9	Sri Brindaban Karmakar	Librarian
10	Dr.Nupur Das	Secretary,Councils for Under Graduate Studies
11	Dr.Debasis Dutta	Deputy Controller of Examinations
12	Sri Gautam Sarkar	Sr.Scientific Officer(Tech. Officer-II)
13	Dr.Samir Kumar Sarkar	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 Rahul Majumder	Assistant Registrar
22	Sri Surajit Das	Accounts Officer
23	Sri Kamala Kanta Ghosh	Estate Officer
24	Sri Arindam Mukherjee	Research Officer
25	Sri Manash Esh	Information Scientist
26	Sri Tamal Sarkar	Tech. Officer



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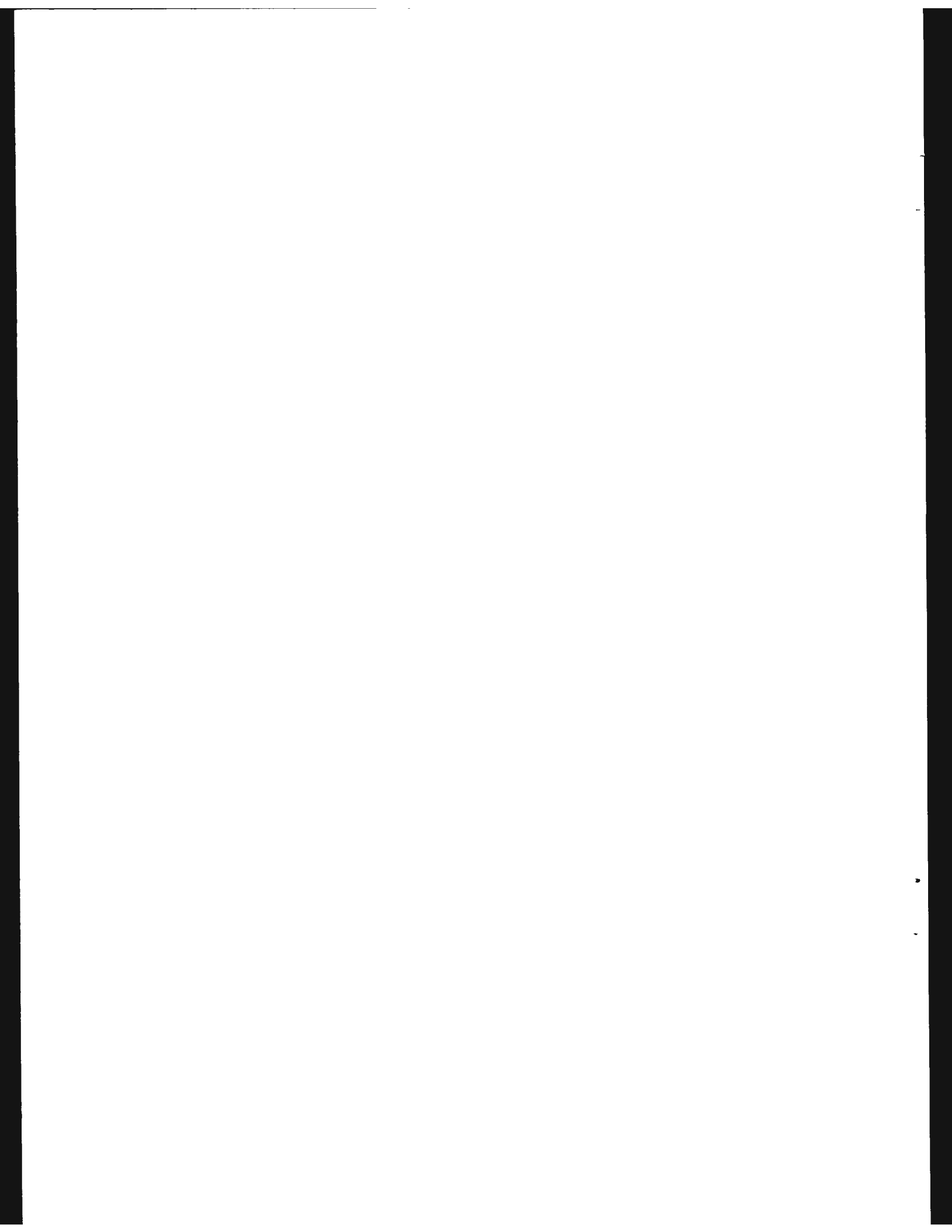
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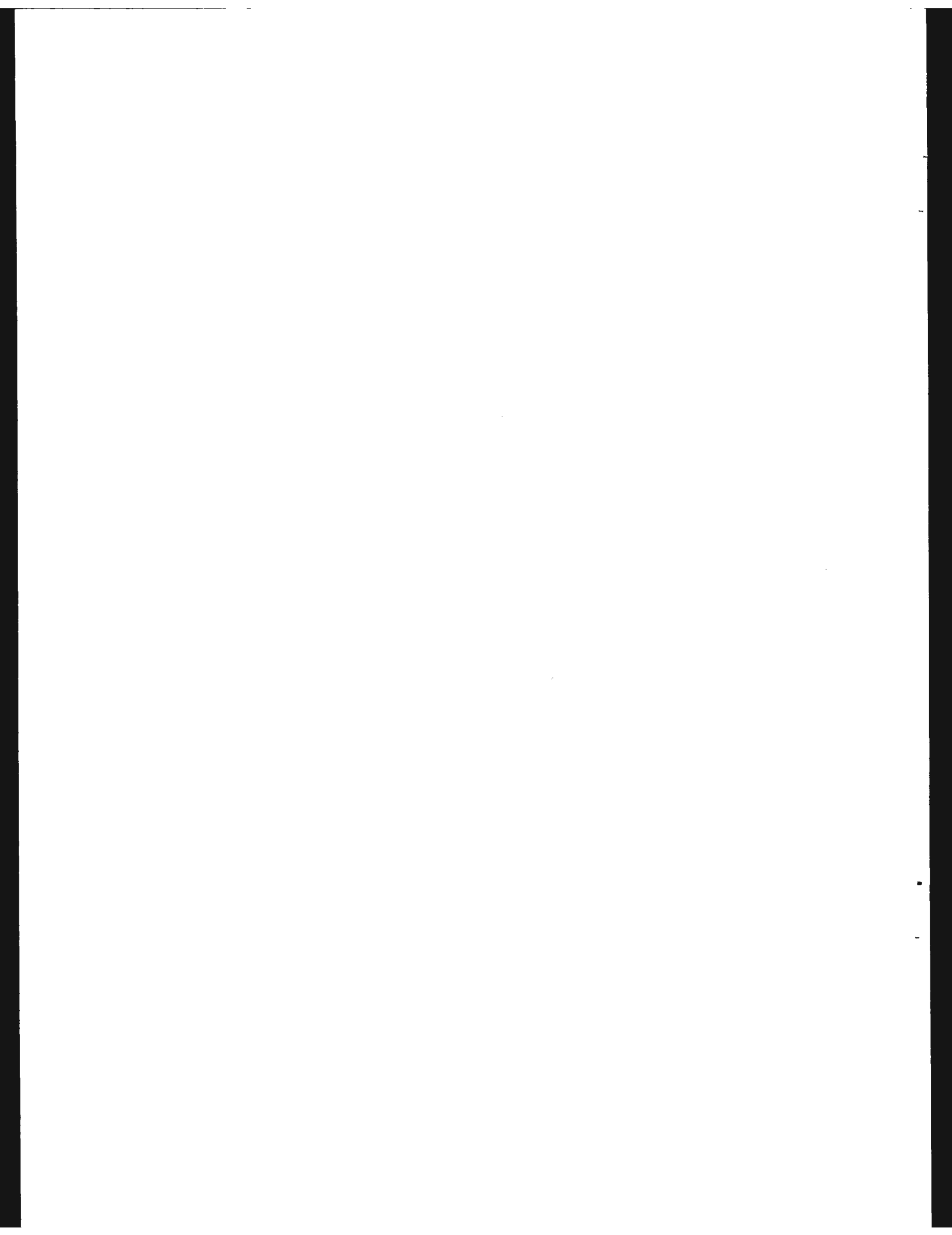
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CHAPTER - I

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 already started setting 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 M.K. Narayanan, Governor of West Bengal has been holding the office of the Chancellor of the University since January, 24, 2010 to 30th June, 2014 after that Sri Keshari Nath Tripathi, Governor of West Bengal has been holding the office of the Chancellor of the University since July, 24, 2014.

Vice-Chancellor:

Professor 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:

Prof. Amitava Mukhopadhyay, Department of Physics has been appointed Dean of the Faculty of Science with effect from 10th May, 2013.

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

Prof. Palash Ranjan Sengupta, Department of Commerce has been appointed Dean of the Faculty of Arts, Commerce & Law with effect from 10th May, 2013.

THE NOTABLE ACTIVITIES

Academic Activities:

Thirty one Professors of various Universities have visited different Departments of our University and delivered lectures during this session.

Teachers of various Departments of this University have published more than 430 books and articles/papers in refereed National and International Journals.

One hundred and eleven faculty members have visited various Universities of within country and ten faculty members have visited various Universities of abroad to attend seminars, deliver lectures and on exchange Programmes with the Assistance of UGC's fund and there are a considerable number of teachers who visited abroad in connection with various academic programmes sponsored by other funding authorities like DST, ICSSR, DAAD, host institutions etc.

Twenty five Departments of the Arts, Commerce, and Law Faculty as well as of Science Faculty have organized 69 numbers of Seminars and Workshops during the year 2014-2015.

In the UGC NET Examination (June 2014) eighteen Students were selected as Junior Research Fellow and one hundred and one Students qualified for Lectureship.

Our Examination Branch has to conduct 179 types of Examinations annually, thereby, catering to around 2,00,000' students per year.

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 Junior Research Fellowship,
- iv) UGC- Basic Science and Research Fellowship,
- v) UGC- Rajiv Gandhi Fellowship etc.

Three new colleges were established during the academic session 2014-15, which is affiliated to the University of North Bengal.

Eight Departments of the Arts, Commerce, and Law Faculty as well as of Science Faculty have received 18 numbers of Awards during the year 2014-2015.

The Department of Mathematics was selected as a new centre for **Madhava Mathematics Competition 2015 (MMC- 2015)**. The Test was held on 4th January, 2015 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).

A large number of National and International visitors, scholars, academicians, University, College & School students have visited the Museum. During this period (April, 2014 to March, 2015) more than 9,000 visitors came to the Museum.

Other Important Activities:

The Centre for Studies in Local Languages and Cultures has organized National & International Seminar cum Workshop, Cultural Programme, Anchalik Kabita Utsab, 21st February Smarak Baktrita, Panchanan Barma Smarak etc.

The High Energy & Cosmic Ray Research Centre is engaged in theoretical as well as experimental advanced research in different branches of High Energy Astrophysics and Astroparticle including Cosmic Rays. The Centre has a collaborative research programme with the Bose Institute, Kolkata with an objective of studying Cosmic Ray at High Altitude. The Scientists of the Centre are also involved in different National Science Projects. The Centre offers Ph.D. course in the field on Astrophysics & Astroparticle Physics.

We have a Documentation Cell in the Centre for Himalayan Studies. The cell also collects the relevant documents – including Government publications as and when available, maintains paper clippings from the national dailies, maintains a small library and prepares Current Awareness list and Thematic Bibliographies on the region. The Documentation Officer works with the objective to document all the major developments of the region and disseminate the information through publications. All the major developments in the region are recorded and documented in the Area Reports.

The Computer Centre up-graded the Wi-Fi Connectivity infrastructure for research Scholar and Post-Graduate Hostels, Installation of Licensed Software versions at various Academic Departments, Formatting and up-gradation of the Operating Systems, Minor repairing and Maintenance of the Computers, University LAN and providing related accessories for uninterrupted Internet facilities to the users.

An Internal Quality Assurance Cell (IQAC) of University of North Bengal was established on 10th July 2003 with 16 members with the Hon'ble Vice-Chancellor as the Chairman and the Director- member Secretary as the Coordinator of IQAC. The Cell is to develop realistic and attainable quality bench marks for each of the Academic and Administrative activities and keep the institution abreast of and abuzz with quality sustenance activities on a wide gamut of pertinent

issues through workshops / seminars / demonstrations / case studies / group discussions / panel discussions / role- plays / symposia.

The Digitization of Theses and setting up of ETD Lab of Shodhganga for submission of electronic Theses under the University Library which has contributed till date 2,00,400 documents with bibliographical details (INFLIBNET).

The 22nd West Bengal State Science and Technology Congress 2015 was held from 28th February to 1st March, 2015 at the North Bengal University main campus under the department of Chemistry.

UGC Human Resource Development Centre organized and conducted 4 Orientation Programmes for newly appointed College/ University Teachers and 12 Refresher courses for serving teachers in this region and 1 short term course for Officers, Principals and Non-Teaching Staff.

The Museum had undertaken a short programme under Falakata Police Station of Jalpaiguri District. During this programme 48 pcs. ancient silver coins of Laxmi-Narayan were discovered from the Dalimpur village of Falakata Police Station. Apart from some rare folk wooden objects (wooden mask etc.) have been collected from the Kharibari Police Station under the District of Darjeeling.

In this year 2014-15, three construction of Infrastructure was undertaken in the campus of the University of North Bengal by UGC, State Government fund.

Sl. No.	Name of the Project	Project Cost	Funding Agency	Remarks
01.	Improvement of campus road of N.B.U. by Mastic Asphalt with repairing Pot-holes etc.	Rs. 75,00,000.00	State Govt. Fund	Work is completed
02.	Proposed horizontal extension (two floor) of Zoology Department at N.B.U. campus.	Rs. 71,32,211.00	State Govt. Fund	Work is in progress
03.	Proposed horizontal extension (two floor) of Botany Department at N.B.U. campus.	Rs. 71,32,211.00	State Govt. Fund	Work is in progress

Social Responsibility:

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

All the different UGC funded Centres like Centre for Differently Abled Persons, Day Care Centre, Basic Facilities for women, Remedial Coaching Scheme for P.G. SC/ST Students, Coaching for SC/ST Students National Eligibility Test(NET), Entry Into Services Scheme by their activities promotes inclusion among diversities without any discrimination. In short, it is an effective platform for the career advancement of students as well as successfully harmonizing among themselves. This Centres are a prime example of harmony and brotherhood based on the principle of mutual respect.

The students of the Department of Mathematics organized **Blood Donation Camp** on **15th May, 2014** (contribution- **136** units) in the Department.

The Centre for Women's Studies, University of North Bengal organized a 7 day certificate course on *Reproductive and Child Health*. The course was for the graduate female, as well as women working in the health sectors and NGOs etc. The Centre for Women's Studies also organized the *International Women's Day* in collaboration with the Clinical Legal Aid, Department of Law, University of North Bengal, Gitaldaha Bikash Samity, Dinahata, Coochbehar an NGO working on Women's issues and G-NESEP, Madarihat, Alipurduar, working on Tea Garden Women.

This is the first time in the history of this University that Table Tennis Team (Women) of the University of North Bengal achieved the **Championship Title** in the **All India Inter University Table Tennis Tournament** for the year 2014-15 held at Chennai under the auspices of **SRM University**. The Women's team clinched the Championship title beating the Anna University in the Finals.

The Sports Board, NBU organized the 4th year **Cycle Safari Programme** for 3 days, Twenty-five Students from different Colleges under University of North Bengal covered (around 220kms.) of two districts (i.e. Darjeeling, Jalpaiguri), one Adventure Trek for the Boys & Girls. 62 students (31 Boys+ 31 Girls) trekked 12 kms from Kalijhora to Latpuncture stayed at Latpuncture overnight and returned back by the same route, Inter University & Inter College Tournaments: Athletics, Badminton (M& W), Cricket (M), Football (M), Kho-Kho (M&W), Table Tennis (M&W), Coaching Campus etc.

6th Annual Prize & University Blue Distribution Ceremony was held on 21st August, 2015 where Sri Subrata Bhattacharya the renowned Football Player & Coach was the Guests of Honour and Padmashree Jyotirmoyee Sikdar, Rajiv Gandhi Khel Ratna Awardee, Athletics. Ten nos. of players were felicitated as University Blues. Sports Scholarships was given to 121 nos. of best players of our affiliated colleges. Cash Award of Rs. 65,000/- was given to the Best Performing Colleges.

Working for the greater good of society at large has been the foundational ethos of the University of North Bengal.

The innovative programmes and projects initiated by the University (e.g. Fishery Research and Training Centre, COFAM, Medicinal Plant Garden etc.) that serve social and environmental ends are examples of the seriousness with which the University of North Bengal Contrives to take its mandate to serve Society at large.

**GROWTH OF STUDENT POPULATION IN
UNDERGRADUATE COLLEGES FROM 1997-98 TO 2014-2015**

Year	Total Enrolment	Male	Female
1997-1998	48200	29923	18283
1998-1999	50242	31699	18536
1999-2000	51757	32968	10789
2000-2001	53284	32963	20321
2001-2002	59022	33440	23128
2002-2003	66355	40398	25957
2003-2004	69399	41863	27536
2004-2005	71642	42003	29639
2005-2006	84260	49401	34859
2006-2007	73736	45350	28386
2007-2008	74447	45323	29124
2008-2009	62625	33737	28888
2009-2010	71458	37524	33934
2010-2011	102326	52179	50147
2011-2012	107448	60607	46841
2012-2013	115257	60097	50160
2013-2014	65415	35032	30383
2014-2015	68586	35333	33253

TABLE - II

**GROWTH OF SCHEDULED CASTE & SCHEDULED TRIBE STUDENTS IN
UNDERGRADUATE COLLEGES FROM 1997-98 TO 2014-2015**

Year	Total Enrolment	Male	Female
1997-1998	48206	7423	2124
1998-1999	50242	7855	2009
1999-2000	51757	8055	2225
2000-2001	53284	8255	2515
2001-2002	59022	11539	2507
2002-2003	66355	12225	4377
2003-2004	69399	12250	5675
2004-2005	71642	12336	7164
2005-2006	84260	14509	8534
2006-2007	73736	14196	8582
2007-2008	74447	15098	7226
2008-2009	62625	13788	10523
2009-2010	71458	17443	9970
2010-2011	102326	11476	11029
2011-2012	107448	13305	10313
2012-2013	115257	40339	8644
2013-2014	65414	16174	13746
2014-2015	68586	16033	15076

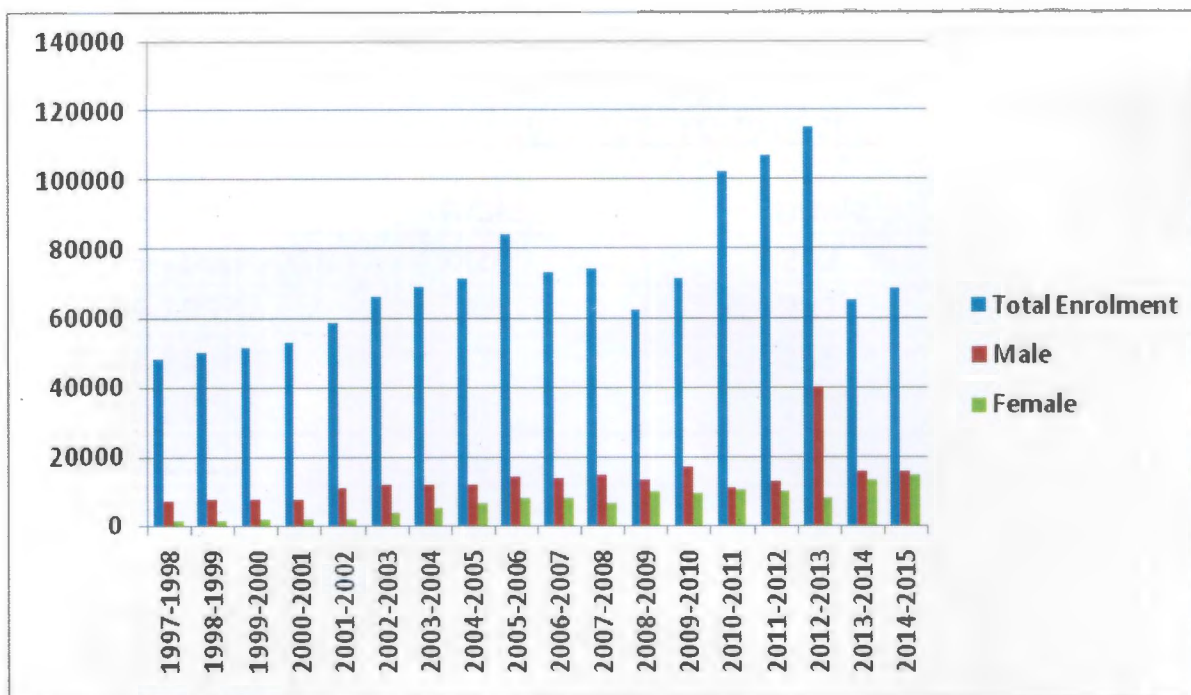


TABLE - III

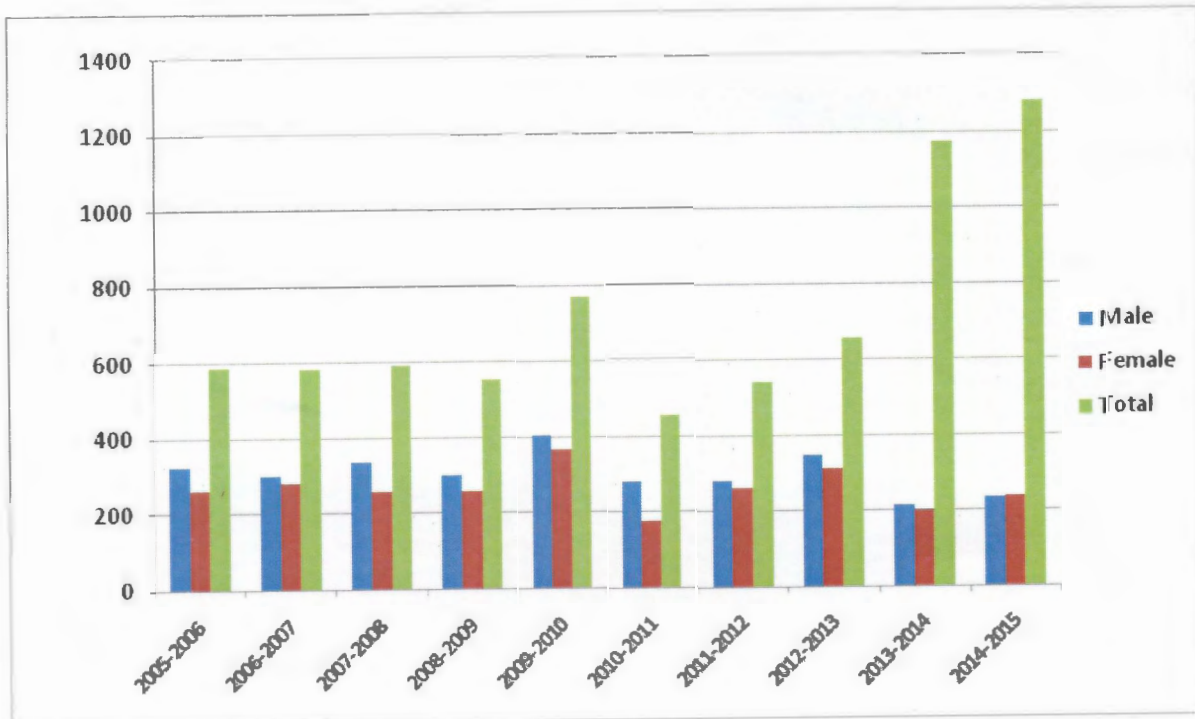
**POST GRADUATE TEACHING DEPARTMENTS
GROWTH OF STUDENTS IN POST-GRADUATE CLASSES
FROM 2005-2006 TO 2014-2015**

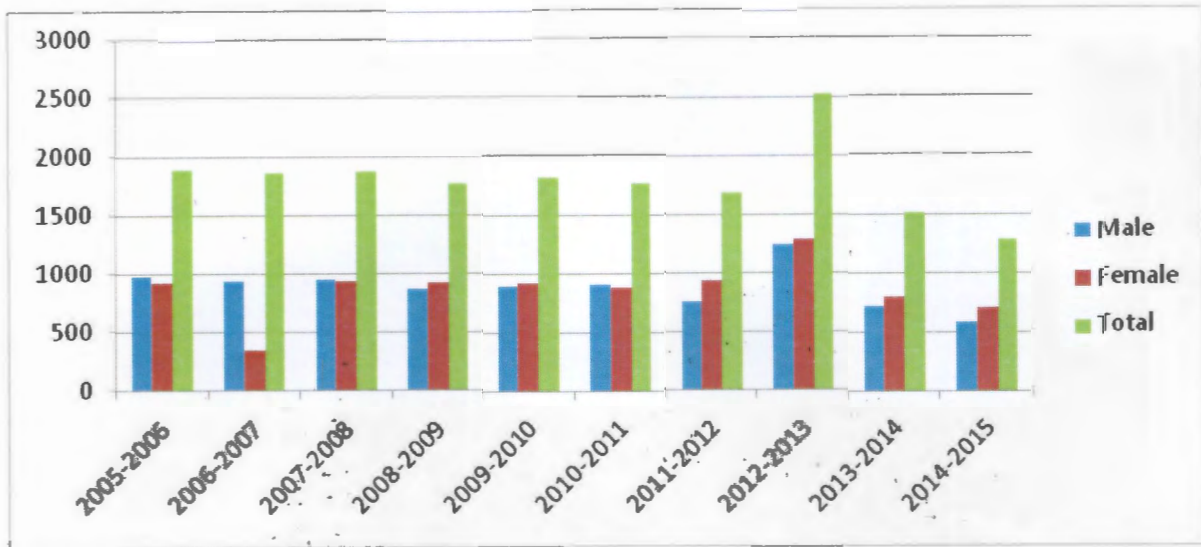
Year	Male	Female	Total
2005-2006	976	924	1900
2006-2007	936	335	1871
2007-2008	952	932	1884
2008-2009	863	919	1782
2009-2010	899	929	1828
2010-2011	908	876	1784
2011-2012	765	935	1700
2012-2013	1243	1296	2539
2013-2014	713	801	1514
2014-2015	581	703	1284

TABLE - IV

**GROWTH OF SCHEDULED CASTE & SCHEDULED TRIBE STUDENTS
POPULATION IN POST GRADUATE CLASSES
FROM 2005-2006 TO 2014-2015**

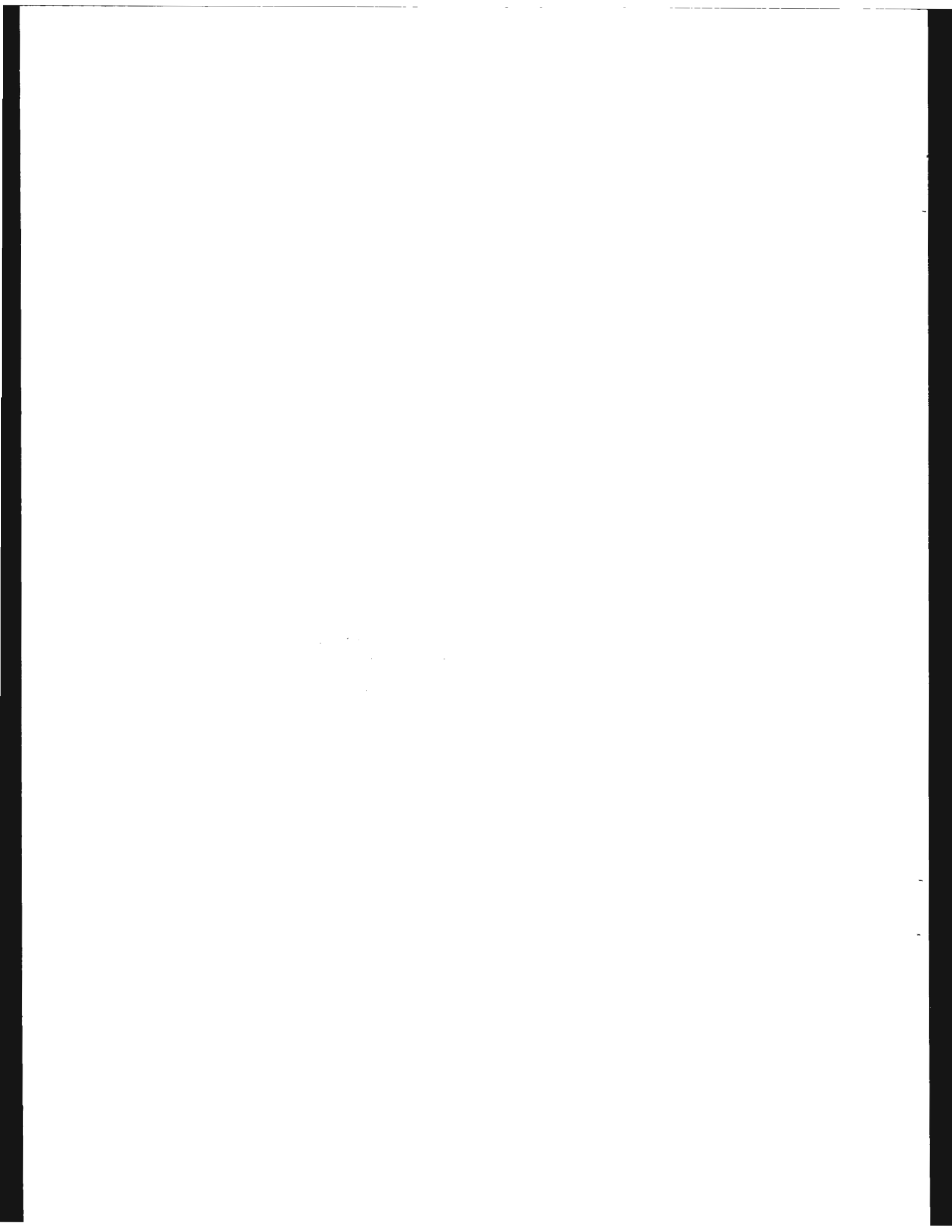
Year	Male	Female	Total
2005-2006	324	262	586
2006-2007	301	281	582
2007-2008	335	256	591
2008-2009	298	256	554
2009-2010	406	364	770
2010-2011	280	174	454
2011-2012	280	260	540
2012-2013	348	311	659
2013-2014	215	200	1174
2014-2015	234	238	1284



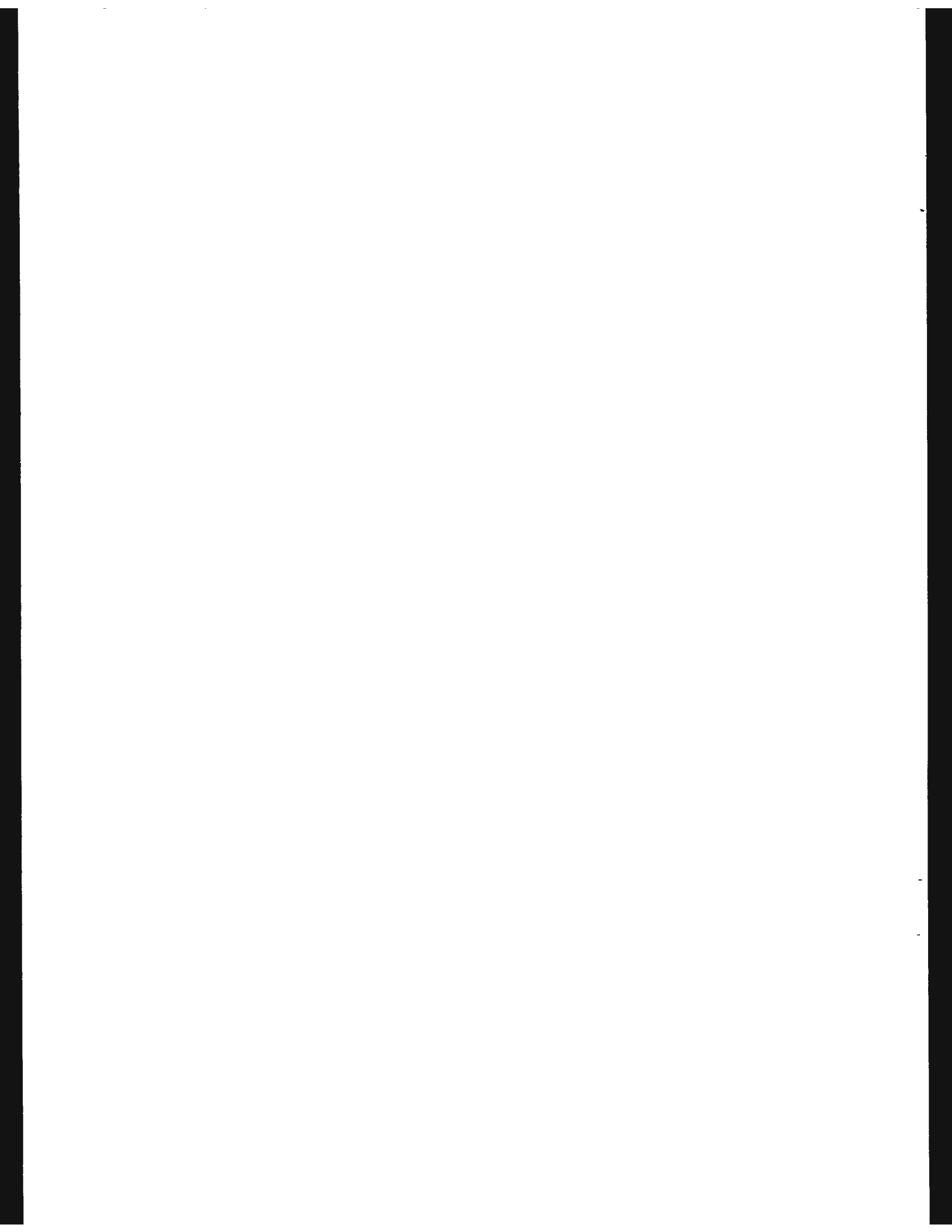


CHAPTER - II

**POST-GRADUATE TEACHING
DEPARTMENTS**



SCIENCE



DEPARTMENT OF ANTHROPOLOGY

1. Name of the Department: ANTHROPOLOGY

2. Date of Establishment: 2001

3. Introduction of the department: The Department of Anthropology has M. Sc. and Ph.D. programmes in different fields of Anthropology. The academic programmes are so designed as to enable the students and scholars to acquire a good understanding of people, society and culture at the micro level. The special focus of the department is to examine and analyze the regional and local issues of greater anthropological significance. The department has an innovative plan to develop interdisciplinary interaction for strengthening its teaching and research programmes. Participatory approach and Lab to Land method has been adopted to develop the teaching and research activities of the department.

4. Name of the Faculties:

- i) Dr. Jaydip Sen (Specialization: Physical Anthropology & Human Genetics): **Associate Professor, Head of the Department**
- ii) Dr. Samar Kumar Biswas (Specialization: Social-Cultural Anthropology): **Assistant Professor**
- iii) Dr. Pinak Tarafdar (Specialization: Social-Cultural Anthropology): **Assistant Professor**

5. Name of Ph.D. Research Scholars:

- (i) UGC- Senior Research Fellow, Sri. Yougan Tamang,
- (ii) UGC- Senior Research Fellow, Sri. Binu Dorjee,
- (iii) Rajiv Gandhi National Fellow, Smt. Pushpa Lata Tigga
- (iv) Rajiv Gandhi National Fellow, Smt. Grace Leivon
- (v) Rajiv Gandhi National Fellow, Sri. Mandip Tamang
- (vi) Rajiv Gandhi National Fellow, Smt Susmita Roy
- (vii) Junior Research Fellow, State/University Fellow, Sri. Subhankar Roy
- (viii) Research Scholar Sri. Ashok Das Gupta
- (ix) Smt. Rimi Dutta, Research Scholar
- (x) Sri. Suvendu Kundu, Research Scholar
- (xi) Sri Kapil Mitra, Research Scholar
- (xii) Smt. Saonli Roy, Research Scholar
- (xiii) Smt. Depika Dhal, Research Scholar
- (xiv) Sri Sukanta Das, Research Scholar
- (xv) Smt. Mridusmita Goswami, Research Scholar

(xvi) Sri Amit Kumar Ghosh, Research Scholar

6. Name of the Project Fellow:

Riwaj Rai, Project Fellow

7. Name of the Non-Teaching Staff.

i) Sri. Narayan Das, Senior Assistant

8. Student Strength:

Students		Male	Female	Total
Part-I	1 st Semester	3	4	7
	2 nd Semester	3	4	7
Part-II	3 rd Semester	0	10	10
	4 th Semester	0	10	10

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

Dr. Jaydip Sen: NIL

Dr. Samar Kumar Biswas:

Name of the Seminars/ Conference	Venue & Date	Title of the Paper Presented
National Seminar-cum-Workshop on ' Problems of Language Learning of the Students of SC Communities of Sub-Himalayan West Bengal	19-20/8/ 2014 Org. by- CILL Mysore, Dept. of Nepali, NBU and CSLLC, NBU.	<i>"Mother Tongue, Culture and Progress: Issues and Challenges in North Bengal"</i>
National Conference on 'Health, Gender and Development: Multidisciplinary Perspectives'	21-23/11/2014, Organized by- IASSH in collaboration with G.L. Gupta Institute of Public Health, University of Lucknow,	<i>A Major Public Health Problem: Suicide - A study at Coastal Sagar Islands</i>
(National) 22 West Bengal State Science & Technology Congress-2015	28.2-1.3.15 Dept. of Science and Technology, Govt. of West Bengal, and West Bengal State Council of Science & Technology	<i>Higher Education in India: Problems and Prospects</i>
National Seminar on 'New Paradigms in Anthropological Research'	19-20. 3. 15. Dept. of Anthropology, NBU, and Anthropological Survey of	<i>Deforestation Changes and their Consequences on the Totos</i>

	India, Govt. of India.	
National Seminar on 'New Paradigms in Anthropological Research'	19-20. 3. 15 Dept. of Anthropology, NBU, and Anthropological Survey of India, Govt. of India.	<i>Chaired the session: Technical Session III Day (2)20.3.2015: Society and Development</i>
National Seminar on 'Women in the 21 st Century'	27-28. 3.2015 Centre for Women Studies, NBU.	<i>"Issues of Stateless Women : A Case Study"</i>
International Seminar on 'Common Features in the Languages of Sub-Himalayan West Bengal.	29-30. 3.2015 CSLLC, NBU	<i>'Survival of Language: Depending Factors'</i>
National Symposium on 'Human Rights: Ethics, Values and Ideology	30-31. 3. 2015 Political Science, NBU.	<i>Invitee Speaker on the topic 'Human Rights: Ethics, Values and Ideology In the context of a PVTG, Toto.</i>

Dr. Pinak Tarafdar:

22 nd West Bengal State Science & Technology Congress-2015	28 February 2015 and 1 st March 2015	
UGC sponsored National Seminar on Women, Patriarchy and Gender: Deconstruction and Reconstruction of History (India and Beyond)	13-14 March 2015.	Women in Matrilineal Tribal Society: A Case of Migrated Population
UGC sponsored National seminar on New paradigms in anthropological Research	19 th -20 th March 2015	Constraints and Consequences of Healthcare Development Programme in an Isolated Habitation
International Seminar on Cultural Heritage Management: A Global Perspective	19 th -20 th March 2015	Intangible Cultural Heritage: A case of Traditional Knowledge on Health Seeking Behaviour

10. Organized Seminar / Conference: One

Name of the Seminar / Conference	Date of the Seminar / Conference	Remarks
"New Paradigms in Anthropological Research"	19 th – 20 th March 2015	Funded by the UGC and the Anthropological Survey of India

11. Publications:

Dr. Jaydip Sen:

i) **Tigga Pushpa Lata, Nitish Mondal Jaydip Sen (2015)** Effects of certain socio-economic, socio-demographic and life style factors on the prevalence of thinness among pre-school children of North Bengal, India. *Epidemiology, Biostatistics and Public Health*. In press. doi: dx.doi.org/10.4314/ejhs.v25i1.9

ii) **Tigga Pushpa Lata, Jaydip Sen & Nitish Mondal (2015)** Association of some socio-economic variables and socio-demographic variables with wasting among preschool children of North Bengal, India. *Ethiopian Journal of Health Sciences*. 25:63-72.

iii) **Sen Jaydip & Pushpa Lata Tigga (2015)** The effects of toxic trace elements in humans, with special reference to the toxic element mercury. In. Mithun Sikdar (ed.) *Human growth: the mirror of the society*. Delhi, B. R. Publishing Corporation, pp. 55-98.

iv) **Dorjee Binu, Nitish Mondal, Jaydip Sen (2014)** Applications of dermatoglyphics in anthropological research: a review. *South Asian Anthropologist*. 14(2):171-180.

Dr. Samar Kumar Biswas:

Name of the Book/ Journal/ Volume	Year of Publication
Challenges of Tribal Livelihood: A Study with Special Reference to North Bengal, <i>International Journal of Human Development and Information Systems, 2014 (IJHDIS)</i> , 7(1):31-51. [ISSN: 0974-3529].	2014
<i>Ethical Issues of Anthropology with Special Reference to Field-Work</i> , August, 2014 in S. Biswas (ed.) <i>Ethical Issues in Anthropological Research</i> , 65-76. Concept Publishing Company Pvt. Ltd, New Delhi [ISBN-13:978-93-5125-090-6].	2014

Dr. Pinak Tarafdar:

1. *Microlithic Assemblages of Tapaban Pahar: An Emerging Mesolithic Site of District Bankura, West Bengal* in *South Asian Anthropologist*, 2014, vol. 14 (1): 47-58.

2. *Education for All: A Review among the Girl Students of EBB and Non-EBB Blocks under Siliguri Educational District*, in *North Bengal Anthropologist* annually 2014, vol. 2: 34-51.

3. **Indigenous Population of North Bengal: A Contemporary Contemplation** in Omnibus of North Bengal The History and Culture of the Hills and the Plains, Anita Bagchi and Dahlia Bhattacharya (eds.), B.B. Publishing Corporation, Delhi 2015

12. Research Projects (Major& Minor):

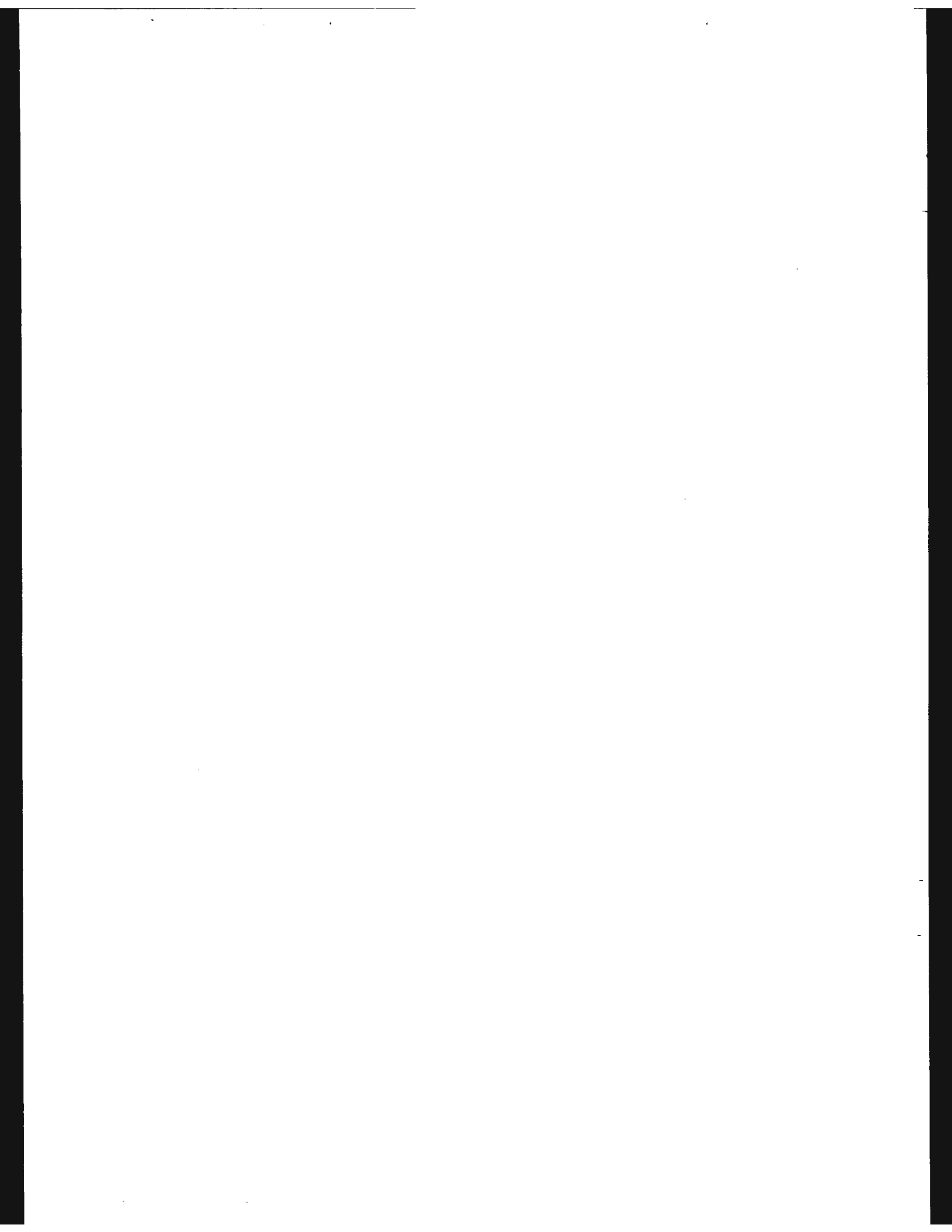
Major Research Project		
Title of the Scheme Project	Sanctioned Authority	Remarks

Dr. Jaydip Sen	Nil	-
Dr. Samar Kumar Biswas Major Research Project entitled: " <i>Deforestation and Land Alienation: Living on the Edge A Study on an Endangered Tribe</i> "	UGC	-
Dr. Pinak Tarafdar	Nil	-
Minor Research Project		
Title of the Scheme Project	Sanctioned Authority	Remarks
Dr. Jaydip Sen	-	-
Dr. Samar Kumar Biswas	-	-
Dr. Pinak Tarafdar Indigenous Healthcare Practices in Lifecycle Rituals and Religious Festivals: <i>A Medical Anthropological Study among the Indigenous Forest Dwellers of Jaipaguri District, West Bengal</i>	University of North Bengal	Ongoing

13. Visiting Fellow UGC:Nil

Name of the Visiting Fellow	Duration	
NIL		

14. Any other information: NIL



ANNUAL REPORT 2014- 15

1. **Name of the Department:** Department of Biotechnology
2. **Date of Establishment:** 2002
3. **Introduction of the department:**

Mission Statement

The Department of Biotechnology, University of North Bengal, promotes and facilitates faculty and student research in Microbiology, Biochemistry, molecular biology, cell biology, and molecular genetics. The department provides technical support for research and a nucleus for interdisciplinary research and training initiatives at University of North Bengal.

1. To assist in the preservation, creation, application and dissemination of knowledge by teaching, research and public service in a comprehensive range of disciplines, thereby serving the needs and enhancing the well-being of the people, in order of priority, West Bengal, India as a whole, and the wider world community.

Vision Statement

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

To be acknowledged locally, nationally and internationally as a first-class teaching and research department of the university whose cultural dimensions of student education, scholarly output and contribution to the community consistently meet standards of excellence.

New knowledge generated:

- A. Certain biotechnological solution to check economic loss of tea industry (basic backbone of economy of this region) due to pests and diseases.
- B. Certain novel compounds having potential anti-diabetic and anti-proliferative agents in prevention of diabetes, and cancer.
- C. Knowledge regarding regulation of autophagy in Peripheral Blood Mononuclear Cells(PBMCs) and Cancer cells in starvation condition; find suitable alternative to FCS/FBS to make cell culture economic; and testing efficacy of Target specific oligonucleotides on cancer cells
- D. Revelation of molecular mechanism of overcoming water stress in rice.
- E. Certain Biomedical solution to combat menace of drug-resistant pathogenic bacteria.
- F. Deeper understanding of metabolic networks under the control of quorum-sensing mechanism.

CORE PERMANENT FACULTY

Name	Designation	Specialization
Dr. Ranadhir Chakraborty	Assoc. Professor & Head	Recombinant DNA Technology
Dr. Dipanwita Saha	Astt. Professor	Biochemistry
Dr. Shilpi Ghosh	Astt. Professor	Molecular Biology
Dr. Anoop Kumar	Astt Professor	Immunotechnology

Associated faculty (from other departments within the university)

Name/ Department	Designation	Specialization
Prof. S. N. Bose (Chemistry)	Professor	Organic Chemistry, Spectroscopy
Prof. A. K. Chakravarty (Zoology)	Professor	Immunotechnology
Mr. C. R. Naik (Comp. Center)	System Engineer	Computer program, Statistics
Dr. Runu Ghosh (DBT-BioCare)	Scientist	Genomics and Proteomics

1. Name of the Research Scholars:
2. Name of the Project Scholars:
3. Name of the Non-Teaching Staff:

8. Students strength:

S. No.	Total No. of seats	No of students admitted	Category Gen,SC, ST, OBC	Sex M/F	State Quota/ NRI Quota/ Kashmi ri Migran ts	No. of drop outs	% Result	Mode of exam Annual/ semester	No. of students in streams-self sponsored/ industry sponsored / DBT sponsored/ University sponsored
	10	05 (admitted in 2012)	04 (Gen) ; 01 (OBC)	03 (F);	Nil	Nil	100% qualifie d to 3rd Semest	Semester	Studentship being provided to all from DBT grant
	10	06 (admitted in 2013)	06 (Gen)	05 (F);	Nil	-	-	Semester	Studentship being provided to all from DBT grant

4. Seminar /Conferences attended (Outside the Country & within the country)

- (i) **INTERNATIONAL TRAVEL AWARD** to Dr. Ranadhir Chakraborty by SCIENCE AND ENGINEERING RESEARCH BOARD to attend **FEBS EMBO CONFERENCE-2014** at PARIS, FRANCE during 30/08/2014-04/09/2014
- (ii) On invitation by Professor Didier Mazel, Director, *Plasticite du Genome Bacterien* (Genomics Centre), **INSTITUT PASTEUR**, Paris, France, Dr. Ranadhir Chakraborty, visited the centre, delivered talk and interacted with the faculty members of the research unit of Pasteur Institute from 16- 19 September, 2014.
- (iii) Dr. Ranadhir Chakraborty was Invited as one of the distinguished speakers from Clinical Research & Academic Institution in the 3rd ANNUAL NEXT GENERATION SEQUENCING DATA CONGRESS held in London, UK, from 15 to 16th June 2015, organized by OXFORD GLOBAL, United Kingdom.

10. Organized Seminar / Conferences/ Workshops/ Training Programmes:

- ❖ International recognition

**Citation of the activities of North Bengal University's COFAM in
International Forum and documented in the form of Publication**

Research article entitled "Gauging the Impact of Community University Engagement Initiatives in India" authored by Wafa Singh, Participatory Research in Asia (PRIA), published in the Proceedings of The **2nd AsiaEngage Regional Conference 2014** ISBN 978-602-96679-7-4, Published by: Directorate of Research and Community Engagement Universitas Indonesia Gedung ILRC Kampus UI Depok, Depok 16424. INDONESIA, has the following lines as one of the case studies from India. The following, paragraph, verbatim, mentioned below, is the part of the said article.

"North Bengal University (NBU), Siliguri

The Department of Biotechnology, North Bengal University, through its various agri-based initiatives has been engaging with the local rural community for knowledge exchange and dissemination of best practices in agricultural sector. The Centre of Floriculture and Agri-Business Management (COFAM) has been the key factor behind such practices and initiatives. At the dialogue on 'Strengthening Community Engagement in Higher Education Institutions', held at NBU, Dr Ranadhir Chakraborty (Head, Department of Biotechnology) shared with the participants as to how the process of community engagement is integrated into the structure and design of the unit. COFAM is mandated to provide hands-on practical training to the growers/entrepreneurs on various aspects of floriculture, produce disease free quality planting material by tissue culture, and establish linkage between growers and buyers. Through various initiatives, the COFAM unit at NBU was engaging with the nearby communities, in order to strengthen their capacities in the field of floriculture and agriculture. It also sought to use the indigenous local knowledge and expertise of the

communities in the plantation of different types of crop varieties. The unit then also supported the community by helping them find a market for their products and earn a sustainable living in the process. As a result of such engagement, not only did COFAM expand its technological data-base, the communities too experienced a sea change by way of secure and sustainable livelihoods. New technologies, which combined academic expertise and traditional knowledge, resulted in increased returns from agriculture, which in turn contributed to a better and sustainable mode of living of the local communities”

11. Publications:

- i) **Dr. Ranadhir Chakraborty, Guest Editor**- Special Issue-“*Antibiotic Resistance Of Bacteria*” (2015), BioMed Research International, Hindawi Publishing Corporation. Vol. 2015

Publications of Dr. Ranadhir Chakraborty

1. Mandal SM, Chakraborty A, Hossain M, Mahata D, Porto W F, **Chakraborty R**, Mukhopadhyay CK, Franco OL, Hazra TK, Basak A. 2015. Amphotericin B and Anidulafungin Directly Interact with DNA and Induce Oxidative Damage in Mammalian Genome. **Molecular BioSystems** 07/2015; DOI:10.1039/C5MB00366K. Impact Factor: 3.18.
2. Manna DK, Mandal AK, Sen IK, Maji P, Chakraborti S, **Chakraborty R**, Islam SS. 2015. Antibacterial and DNA degradation potential of silver nanoparticles synthesized via green route. **International Journal of Biological Macromolecules** 07/2015; Impact Factor: 3.10
3. Kumar A, Tiwary BK, Kachhap S, Nanda AK, **Chakraborty R**. 2015. An *Escherichia coli* Strain, PGB01, Isolated from Feral Pigeon Faeces, Thermally Fit to Survive in Pigeon, Shows High Level Resistance to Trimethoprim. **PlosOne**. DOI:10.1371/journal.pone.0119329. Impact Factor: 3.53 PMID-25750990
4. Tiwary BK, Bihani S, Kumar A, **Chakraborty R**, Ghosh R. 2015. The *in vitro* cytotoxic activity of ethno-pharmacological important plants of Darjeeling district of West Bengal against different human cancer cell lines. **BMC Complement Altern Med.** 7;15:22. Impact Factor: 2.02. PMID: 2588741.
5. Chattopadhyay, M. K., **Chakraborty, R.**, Grossart, H. P., Reddy, G. S., & Jagannadham, M. V. 2015. Antibiotic Resistance of Bacteria (*Editorial*). **BioMed Research International**, 2015. Article ID 501658. Impact Factor: 1.579
6. Mandal, A. K., Sen, I. K., Maity, P., Chattopadhyay, S., **Chakraborty, R.**, Roy, S., & Islam, S. S. 2015. Structural elucidation and biological studies of a novel exopolysaccharide from

Klebsiella pneumoniae PB12. **International journal of biological macromolecules**.79: 413-22. Impact Factor: 3.10. PMID-25999015

7. Saha S, Nayak S, Bhattacharyya I, Saha S, Mandal AK, Chakraborty S, Bhattacharyya R, **Chakraborty R**, Mandal SM, Basak A. 2014. Understanding the Patterns of Antibiotic Susceptibility of Bacteria Causing Urinary Tract Infection in West Bengal, India. **Frontiers in Microbiology** 5: 463; doi 10.3389/fmicb.2014.00463. Impact Factor: 4.0 PMID-25278932
8. Ghosh R, Tiwary BK, Kumar A, **Chakraborty R**. 2014. Guava leaf extract inhibits quorum-sensing and *Chromobacterium violaceum* induced lysis of human hepatoma cells: whole transcriptome analysis reveals differential gene expression. **PlosOne**. DOI 10.1371/journal.pone.0107703. Impact Factor: 3.53 PMID-25229331
9. Tiwary BK, Kumar A, Nanda AK, **Chakraborty R**. 2014. A Study on Optimization of Marigold Petal Yield, Pure Lutein, and Formulation of Free-Flowing Lutein Esters. **Journal of Crop Science and Biotechnology (Springer)**. DOI No.10.1007/s12892-014-0049-6. Impact Factor (yet to be decided).
10. Chakraborty S, Mandal AK, Sarwar S, Singh P, **Chakraborty R**, Chakraborty P. 2014. Bactericidal Effect of Polyethyleneimine Capped ZnO Nanoparticles on Multiple Antibiotic Resistant Bacteria Harboring Genes of High-Pathogenicity Island. **Colloids and Surfaces B : Biointerfaces**.<http://dx.doi.org/10.1016/j.colsurfb.2014.03.044>. Impact Factor: 4.29 PMID-24937133
11. Tiwary BK, Pathak RK, Pradhan K, Nanda AK, Bothra AK, **Chakraborty R**. 2014. Evaluation of drug candidature of some Quinazoline-4-(3H)-ones as inhibitor of human dihydrofolate reductase enzyme: Molecular docking and Insilico studies. **International Journal of Pharmacy & Pharmaceutical Sciences**. 5. Supplement 2, 393-400. Impact Factor: 1.59
12. Tiwary BK, Zirmire RK, Pradhan K, Nanda AK, **Chakraborty R**. 2014. Preparation and spectroscopic characterization of inclusion complex of 2-phenyl-4H-Benzo[d][1,3]Oxacin-4-One and β -Cyclodextrin. **International Journal of Pharmacy & Pharmaceutical Sciences**. 6. Supplement 2, 176-79. Impact Factor: 1.59

Publications of Dr. Dipanwita Saha

1. Chakraborty P., Das S., Saha B., Sarkar P, Karmakar A, Saha Arnab, Saha D, and Saha Aniruddha. (2015) Phylogeny and synonymous codon usage pattern of Papaya ringspot virus coat protein gene in sub-Himalayan region of north-east India. *Canadian Journal of Microbiology*, 61(8): 555-564. **IF: 1.354**

2. Saha A., Saha B., and Saha D. (2014) Molecular detection and partial characterization of a begomovirus causing leaf curl disease of potato in sub-Himalayan West Bengal, India. *Journal of Environmental Biology* 35(3): 601-606. IF: 0.56
3. Saha A., Saha B., and Saha D. (2014) Molecular detection and partial characterization of a begomovirus causing leaf curl disease of potato in sub-Himalayan West Bengal, India. *Journal of Environmental Biology* 35(3): 601-606. IF: 0.56
4. Saha A., Saha B., Das S., Chakraborty P. Sarkar P. and Saha D. (2014) Molecular detection and diversity analysis of some potyviruses associated with mosaic diseases of papaya, common bean and potato growing in sub-himalayan west Bengal. *Vegetos* 27(2): 338-346. IF: 0.042
5. Saha A., Das L., Saha B., and Saha D. (2014) Effect of nutritional and physiological features on *Rhizoctonia solani*, a seed borne pathogen of tea. *Journal of Plant Disease Sciences* 9(1): 48-54. IF: 0.051
6. Saha B., Saha D., Biswas K.K. and Saha A. 2014. Distribution and molecular characterization of begomoviruses infecting tomato in sub-Himalayan Terai region of West Bengal and Brahmaputra valley of Assam in northeast India. *Indian Phytopathology* 67(1): 92-96. No. of citations: 2

Articles in edited books:

Publications of Dr. Shilpi Ghosh

1. Majumder S, Naskar B, Ghosh S, Lee CH, Chang CH, Moulik SP, Panda AK (2014) Synthesis and characterization of surfactant stabilized nanocolloidal dispersion of silver chloride in aqueous medium. *Colloids and Surfaces A: Physicochem. Eng. Aspects* 443:156–163.
2. Saha SP, Ghosh S (2014) Optimization of xylanase production by *Penicillium citrinum* xym2 and application in saccharification of agro-residues. *Biocatalysis and Agricultural Biotechnology*, Accepted 11 March 2014

Publications of Dr. Anoop Kumar

- (i) Bipranch Kumar Tiwary · Sony Bihani · Anoop Kumar · Ranadhir Chakraborty · Runu Ghosh. 2015. The in vitro cytotoxic activity of ethno-pharmacological important plants of Darjeeling district of West Bengal against different human cancer cell lines. *BMC Complementary and Alternative Medicine* 02/2015; 15(1). DOI:10.1186/s12906-015-0543-5 · 1.88 Impact Factor

- (ii) Runu Ghosh · Bipranch Kumar Tiwary · **Anoop Kumar** · Ranadhir Chakraborty. 2015. Guava Leaf Extract Inhibits Quorum-Sensing and Chromobacterium violaceum Induced Lysis of Human Hepatoma Cells: Whole Transcriptome Analysis Reveals Differential Gene Expression. PLoS ONE 08/2014; 9(9). DOI:10.1371/journal.pone.0107703 · 3.23 Impact Factor

12. Research Projects (Major & Minor):

Title of the Project/PI & CoPI	Funding Agency	Duration From To	No. of Scientists/ Associates working under the project	Total Approved Cost of the Project (in Rs.) [in Lakh]
ONGOING PROJECTS OF THE FACULTY MEMBERS				
Isolation of Carbohydrate polymer-producing bacteria from waters of city-waste polluted Mahananda River at Siliguri and Characterization of suitable biopolymers exhibiting high flocculating activities [P.I: Dr. R. Chakraborty]	UGC, New Delhi	2012-15	01	Rs. 16.0 Lakh
Search for novel quorum sensing modulators of biofilm-forming microbes from plant sources [Mentor & Co PI: Dr. R. Chakraborty]	DBT-BioCare Programme {P.I: Dr. Runu Ghosh }	2012-15	02 (including the P.I)	Rs. 50.0 Lakh

Cloning and expression of a novel microbial phytase in <i>Fichia pastoris</i> for extracellular secretion and optimization of its of its production: An attempt to develop a commercial phytase production system[[P.]: Dr. Shilpi Ghosh]	UGC, New Delhi	2012-15	01	Rs. 12.9Lakh
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Development of high-resolution optical detector for growth monitoring of bacteria in liquid culture[P.I. Dr. M.K. Das, Deptt. Of Physics; <u>CoPI</u> : Dr. R. Chakraborty, Deptt. Of Biotechnology]	UGC Innovative Project in Science	2015-18	01	Rs. 18.0 Lakh
Formulation of Probiotics for Major and Minor Carps [P.I: Dr. S. Barat, Deptt of Zoology; <u>CoPI</u> : Dr. R. Chakraborty, Deptt. Of Biotechnology]	DBI, Govt. of West Bengal	2015-18	01	Rs. 18.83 Lakh
Bioprospecting thermophilic lignocellulose deconstructing microbial consortium: Mining of cellulolytic glycoside hydrolases for biotechnology[P.I: Dr. Shipi Ghosh; <u>CoPI</u> : Dr. R. Chakraborty]	DST, Gol	2015-18	01	Rs. 10.0 Lakh
Cloning and expression of a novel microbial phytase in <i>Pichia pastoris</i> for extracellular secretion and optimization of its of its production: An attempt to develop a commercial phytase production system[P.I: Dr. Shilpi Ghosh]	UGC, New Delhi	2012-15	01	Rs. 12.9Lakh
Physicochemical studies of Bacterial/other membranous interfaces with nonsteroidal anti-inflammatory drugs [P.I: Dr. A. K. Panda, Deptt. Of Chemistry; <u>CoPI</u> : Dr. Shilpi Ghosh]	DBT, New Delhi	2014-17	01	Rs. 40.0 Lakh
Studies on occurrence and distribution of antibiotic resistance and virulence genes among <i>Aeromonas</i> species in sub-Himalayan	UGC, New Delhi	2014-17	01	Rs. 13.5 Lakh

West Bengal and their conjugational spread in other bacteria [P.I: Dr. Dipanwita Saha, Deptt. Of Biotechnology; CoPI: Dr.J. Pal, Deptt. Of Zoology]				
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13. Visiting Fellow:

- (i) Dr. Anupam Chakravarty (Sloan Kettering Cancer Research Institute, USA) delivered a lecture entitled “Molecular mechanism of action of RNA-ligase”
- (ii) Dr. Ushati Das Chakravarty (Sloan Kettering Cancer Research Institute, USA) delivered a lecture entitled “DNA repair mechanism”
- (iii) Prof. Adhar Manna (Department of Biological Sciences, Presidency University) delivered a talk entitled “Staphylococcus aureus -a genetic tool to uncover biological puzzles”
- (iv) Dr. Aninya Ghosh (department of Biotechnology, IIT, Kharagpur) delivered a talk entitled- “A tale of two enzymes in peptidoglycan synthesis”

DEPARTMENT OF BOTANY

1. Name of the Department : Department of Botany
2. Date of establishment : 1984
3. Introduction of the Department: The Department has shown great progress both in teaching and research during the last 29 years. Excellence in research is evident by the large number of projects received by the faculty from both National and International funding agencies. It has received support from UGC under SAP and is under DRS-III level. More than 20 UGC BSR fellows as well as a number of Rajiv Gandhi Fellows and JRFs/SRFs are working in the department. It has also received support from DST under FIST programme. Students coming out of the department are well placed in life.

4. Name of the Faculty :

Professor	Associate Professor	Assistant Professor
1. Prof. A.P. Das	1. Dr. A. Saha	Dr. P. Mandal
2. Prof. B.N. Chakraborty	2. Dr. A. Sen	Dr. M. Chowdhury
3. Prof. P.K. Sarkar	3. Dr. S.C. Roy	
4. Prof. U. Chakraborty		

5. Name of the research Scholars :
- | | |
|---------------------|-------------------|
| Rajib Biswas | Swarnendu Roy |
| Sweata Khati | Protik Chowdhury |
| Sri Goutam Saha | Kishor Biswas |
| SukantaMajumder | Jayanta Chowdhury |
| Sandip DevChowdhury | Sabina Pradhan |
| Pushpanjali Ray | RituRai |
| AmaleshBijali | Indrani Sarkar |
| Sachina Yonzone | |

6. Name of the Project Scholars :
- Dr. Arka Pratim Chakraborty (RA, CSIR Project)
Somnath Roy (Meritorious Research Fellow)
Dibakar Choudhury (Meritorious Research Fellow)
Nishika Jaishee (Meritorious Research Fellow)
Arnab Saha (Meritorious Research Fellow)
Tulshi Thapa (Meritorious Research Fellow)
Asit Ray (UGC SAP Project Fellow)
Anand Sharma (UGC SAP Project Fellow)

Anurag Chowdhury (UGC Rajib Gandhi Fellow)
 Shibu Das (UGC Rajib Gandhi Fellow)
 Baishakhi Sarkar (UGC Rajib Gandhi Fellow)
 Arunika Subba (UGC Rajib Gandhi Fellow)
 Prosenjit Chakraborty (UGC Project Fellow)
 Sumira Mukhia (UGC Maulana Azad Fellow)
 Amrita Acharya (JRF, DBT Project)
 Shibu Barman (JRF, DBT Project)
 Priyanka Bhattacharjee (SRF, ICAR Project)
 Puja Sashankar (SRF, ICAR Project)
 Saran Kuma Gupta (DST Inspire Fellow)
 Jayanwita Sarkar (DST Inspire Fellow)
 Ayan Roy (SRF, CSIR)
 Pallab Kar (Research Assistant)

7. Name of the Non teaching Staff :

Sri Sukanta Roy, Lab Assistant.
 Sri Pradip Kr. Kundu
 Sri Sipeen Chandra Barman, Lab Attendant
 Sri Nayan ranjan Ghosh, Lab Attendant
 Sri Sumon Chatterjee, JACT

8. Student Strength (2013-14)

<u>Students</u>		<u>Male</u>	<u>Female</u>	<u>Total</u>
Part-I	1 st Sem. (July 14)	4	26	30
	2 nd Sem (Jan- 15)	4	25	29
Part-II	3 rd Sem. (July 14)	6	18	24
	4 th Sem (Jan-15)	5	18	23

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. A.P. Das	National Seminar on Biodiversity: Conservation, Crisis & Sustainable Use	N.N.S. College, Assam September 29-30, 2014	Conservation of Biodiversity in Eastern Himalaya
	Gene conservation of Medicinal and Horticultural Orchids of the North Eastern Region and their Sustainable Use through Community Participation	Krishi Vigyan Kendra, Hengbung, Manipur April 5-6, 2014	Conservation of Epiphytes

	Biodiversity Seminar	Vivekananda College for Women, Kolkata November 28, 2014	Present status of Biodiversity and its conservation in Eastern Himalaya
	National Symposium on Plant Diversity: Structure, Function, Utilization & Conservation	Calcutta University December 4 – 6, 2014	Conservation of East Himalayan Flora: with emphasis to Orchids and Epiphytes [Dr. G. Panigrahi Memorial Lecture]
	Biodiversity & Medicinal Plants	Thakurpukur Vivekananda College, July 22, 2014	Conservation of Medicinal Plants
	National Conference on Aspects and Prospects of Spermatophyte Taxonomy: Focus on Plant Bioresources of India	Assam University Silchar [in collaboration with East Himalayan Society for Spermatophyte Taxonomy] February 26-27, 2015	East Himalayan Flora: Conservation with an emphasis to Orchids and Epiphytes
Prof BN Chakraborty	National Workshop on <i>Advances in PGPR Research</i>	Banaras Hindu University, October 7-8, 2014	Search for potential PGPR isolates from Darjeeling hills, their molecular characterization and application for improvement of crop health status
	National Symposium on <i>Unraveling Plant-Microbe Interactions for supporting plant health</i>	Gauhati University, during October 27-28, 2014	Proteomic and Metabolomic analyses of Tea leaves infected with <i>Exobasidium vexans</i> and development of strategies to improve crop health status.
	National Symposium on <i>Challenges and Management Approaches for Crop Diseases of National Importance- Status and prospects</i>	Agricultural College and Research Institute, Tamil Nadu Agricultural University, Madurai, during February 12-14, 2015	Molecular detection of fungal pathogens, activation of defense responses and management approaches for crop diseases

Prof. Usha Chakraborty	National Workshop on <i>Advances in PGPR Research</i>	Banaras Hindu University, October 7-8, 2014	Evaluation of multi-functional traits of rhizospheric bacteria for induction of tolerance in wheat plants against abiotic and biotic stresses
	National Symposium on <i>Unraveling Plant-Microbe Interactions for supporting plant health</i>	Gauhati University, during October 27-28, 2014	Application of PGPR for growth promotion and root rot suppression in <i>Camellia sinensis</i> and elucidation of their mechanisms of action
	National Symposium on <i>Challenges and Management Approaches for Crop Diseases of National Importance- Status and prospects</i>	Agricultural College and Research Institute, Tamil Nadu Agricultural University, Madurai, during February 12-14, 2015	Microbial consortia for growth improvement and root rot disease management of mandarin plants
Dr. Arnab Sen	26th BTISnet Annual Coordinators Review	3-4th February, 2015, Tirupati, India	
	17 th International Conference on Frankineae and Actinorhizal plants	10-12 th April, 2014 Shillong, India	
	Annual general conference of Society for General Microbiology	14th-17th April, 2014, Liverpool, UK	The phylogeny of Actinobacteria revisited in the light of complete genomes
Dr. S. C. Roy	4th International Rice Congress	BITEC Bangkok, Thailand 27-31 Oct, 2014	Assessment of morphological diversity within wild rice (<i>Oryza rufipogon</i> Griff.) germplasm of NBU campus (West Bengal) for in situ conservation- A case study.
	22nd West Bengal Science & Technology Congress	NBU 28 Feb-1st March 2015	Role of rice grain in world food security: A perspective

	2015		
Dr. P. Mandal	Advances in Plant and Microbial Research	Venue: Department of Botany, NBU Date: December 12-13, 2014	Mung bean seed germination and seedling invigoration by chitosan treatment through solid matrix priming under salinity stress
	Nat. Sym. On Advances in Plant and Microbial Research	Department of Botany, NBU 12th & 13th December, 2014	Wetland versus threats: a case study to wetlands of West Bengal
	22nd WB state Science & Technology congress-2015	Department of Botany, NBU 28th Feb-1st Mar, 2015	Wetland biodiversity and its need of conservation

10. Organised seminar / Conferences:

Name of the seminar / conference	date of the seminar / Conference	
UGC and DST sponsored National Symposium on "Advances in Plant and Microbial Research"	December 12-13, 2014	

11. Publication:

Name of the author	Name of the Book/ Journal/ Volume	Yaer of publication
Prof. A. P. Das	<ul style="list-style-type: none"> • Shukla, <u>Gopal</u>; Biswas, <u>Rajib</u>; Das, <u>A.P.</u> & Chakravarty, <u>Sumit</u> (2014) <i>Journal of Forestry Research</i>, DOI, 10.1007/s11676-014-0452-3 [Springer] • Moktan, S. & Das, A.P. (2014) <i>Ethnobotany</i> 25: 160 – 163 • Choudhury, D.; Biswas, R.; Mandal, P. and Das, A.P. (2014) <i>Pleione</i> 8(1): 68 – 78 • Chettri, D.; Moktan, S. & Das, A.P. (2014) <i>Pleione</i> 8(1): 124 – 132 • Chowdhury, A. & Das, A.P. (2014) <i>Pleione</i> 8(1): 207 – 209 • Guria, M.; Mitra, P.; Ghosh, T.; Salhan, R.; Singh, T.A.; Chakrabarti, A.; Das, A.P. & Mitra, P.K. (2014) <i>Pleione</i> 8(1): 49 – 54 • Sarker, Ajita; Biswa, Ritesh & Das, A.P. (2014) <i>Indian Journal of Traditional Knowledge</i> 13(3): 557 – 563 • Choudhury, Dibakar & Das, A.P. (2014) <i>NBU J. Pl. Sci.</i> 8(1): 1 – 4 • Chowdhury, M. & Das, A.P. (2014) <i>NBU Journal of Plant</i> 	

	<p><i>Science</i> 8(1): 25 – 35</p> <ul style="list-style-type: none"> • Gupta, Saran Kumar; Ghosal, Mitali; Biswas, Rajib; Saha, Biman Krishna; Das, Abhaya Prasad & Mandal, Palash (2014). <i>International Journal of Current Science</i> 12: E 87 – 97 • Moktan, Saurabh & Das, A.P. (2014) <i>International Research Journal of Environment Sciences</i> 3(10): 14 – 19. • Chowdhury, Anurag; Biswas, Rajib & Das, A.P. (2014) <i>Pleione</i> 8(2): 293 – 310 • Nirola, Suman & Das, A.P. (2014) <i>Pleione</i> 8(2): 498 – 500 • Chowdhury, Anurag; Chowdhury, M. and Das, A.P. (2015) <i>International Journal of Current Research</i>, 7(2): 12362 - 12364 • Lama, D.; Moktan, S. and Das, A. P. (2015) <i>Biodiversity in Indian Tropical Ecosystem</i>. • Anurag Chowdhury and Abhaya Prasad Das (2015) <i>International Journal of Advanced Life Sciences (IJALS)</i> 7(4): • Kar, P., Sen, A. and Das, A.P (2014) ENA browser at http://www.ebi.ac.uk/ena/data/view/LM651024-LM651033 • Kar, P.; Sen, A. and Das, A.P(2014)ENA browser at http://www.ebi.ac.uk/ena/data/view/LM651034-LM651039. • Kar, P.; Sen, A. and Das, A.P (2015) ENA browser at http://www.ebi.ac.uk/ena/data/view/LN832025-LN832036 • Kar, P.; Sen, A. and Das, A.P (2015) ENA browser at http://www.ebi.ac.uk/ena/data/view/LN832023-LN832024
Prof B.N .Chakraborty	<ul style="list-style-type: none"> • Sunar K, Chakraborty U and Chakraborty BN (2014). Harnessing Beneficial Microorganisms from Darjeeling Hills and Development of Strategies for their Utilization in Management of Root Diseases. <i>Journal of Mycology and Plant Pathology</i>, Vol. 44, No.1, 25-40. • Chakraborty BN, Chakraborty U, Sunar K, and Dey P.L. (2014). RAPD Analysis of Phosphate Solubilizing Fungi and rDNA Gene Sequence based Phylogeny of <i>Talaromyces flavus</i>. <i>Journal of Mycology and Plant Pathology</i>, Vol. 44, No.1, 62-73. • Sunar K, Chakraborty BN and Chakraborty U (2014). Exploitation of native microflora of Darjeeling hills for sclerotial rot management and growth promotion in pulses. <i>Indian Phytopathology</i>, 67 (1): 59-60. • Sunar K, Dey PL, Chakraborty U and Chakraborty BN (2014). Biocontrol efficacy and plant growth promoting activity of <i>Bacillus altitudinus</i> isolated from Darjeeling hills, India. <i>Journal of Basic Microbiology</i> , 55 (1) : 91-104. • Acharya, A., Allay, S., Ram, R.L. and Chakraborty, B.N. (2014). Physico-chemical analysis of rhizospheric soil, mycorrhizal association and root colonization of Mulberry

	<p>(<i>Morus alba</i> L.) plants grown in Kalimpong hills. NBU Journal of Plant Sciences 8(1): 5-12.</p> <ul style="list-style-type: none"> • Roy, S., Barman, S., Chakraborty, U. and Chakraborty, B.N. (2014). Development of an easy and efficient technique for cultivation of different species of <i>Pleurotus</i>. NBU Journal of Plant Sciences 8(1): 13-18. • Rabba J, Jha DK, Sarma HKR, Acharya A, Chakraborty U and Chakraborty B.N. (2014). Characterization of bacteria from the rhizosphere of <i>Persea bombycina</i> with multiple growth promoting traits. Indian Phytopathology 67(2): 126-133. • Barman, S., Roy, S., Chakraborty, U. and Chakraborty, B.N. (2015). Cultivation practices of <i>Calocybe indica</i> (P.&C.) and use of spent mushroom substrate for leafy vegetables in North Bengal. Global journal of Bio-Science and Biotechnology 4(1):74-80 • Chakraborty, B.N., Chakraborty,U., Rai,K, Allay, S. and U.De (2014). Citrus decline in Darjeeling hills and potential microorganisms for its management. In: Approaches and trends in plant disease management (Eds S.K.Gupta and M. Sharma), Scientific Publishers, Jodhpur, 158-166 • Chakraborty, B.N., Chakraborty, U., Sunar, K. and Dey, P.L. (2014). Harnessing Beneficial Microbial Resources for Crop Improvement. (Chapter 9) In: <i>Trends in Soil Microbial Ecology</i> (Eds. D.P.Singh and H.B.Singh), Studium Press, USA, pp 175-201. • Chakraborty, U., Chakraborty, B.N. Chakraborty, A.P., Sunar K. and Dey P.L. (2014). Plant Growth Promoting Rhizobacteria: Diversity, Mechanisms of Action and Perspectives in Agriculture. In: <i>Review of Plant Pathology</i> (Eds B.N. Chakraborty and U. Chakraborty) Vol. 6, Scientific Publishers (India), Jodhpur, pp 215-268 • Mur, L.J., Lloyd A.J., Gupta K.J., Chakraborty, U and Chakraborty, B.N. (2014). Harnessing the power of metabolomics to improve crop tolerance against stress. In: <i>Review of Plant Pathology</i> (Eds B.N.Chakraborty and U.Chakraborty) Vol. 6, Scientific Publishers (India), Jodhpur, pp 59-91. • Bhattacharjee P, Chakraborty BN and Chakraborty U (2015). Field evaluation of vermicompost and selective bioinoculants for the improvement of health status of tomato plants. <i>Journal of Biology and Earth Sciences</i>, 5 (1): 25-33 • Chakraborty, B.N. (2015). Electroporation mediated DNA transformation of filamentous fungi. (Chapter 6) In: <i>Fungal Biology: Genetic Transformation Systems in Fungi</i>, volume 1 (Eds. Marco A. van den Berg and Karunakaran Maruthachlam), Springer International Publishing
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	Switzerland. Pp. 67- 79 [ISBN 978-3-319-10141-5; ISBN 978-3-319-10142-2 (e-Book)]
Prof PK Sarkar	<ul style="list-style-type: none"> • Rakshit, M., Saha, J. and Sarkar, P.K. Response surface optimization of mechanized drying of wadi, a legume-fermented food condiment. <i>Journal of Food Processing and Preservation</i> 39 (1), 1-9 2015
Prof U Chakraborty	<ul style="list-style-type: none"> • Rabba J, Jha DK, Sarma HKR, Acharya A, Chakraborty U and Chakraborty BN (2014). Characterization of bacteria from the rhizosphere of <i>Persea bombycina</i> with multiple growth promoting traits. <i>Indian Phytopathology</i> 67(2) : 126-133. • Roy S and Chakraborty U (2014). Cross-generic studies with rice indicate that ion homeostasis and antioxidant defense is associated with superior salinity tolerance in <i>Cynodon dactylon</i> (L.) Pers. <i>Indian Journal of Plant Physiology</i> (Springer) 20(1):14–22. • Chakraborty BN, Chakraborty U, Chakraborty AP and Dey PL (2014). Molecular identification and immunological characterization of plant growth promoting rhizobacteria of <i>Camellia sinensis</i>. <i>International Journal of Tea Science</i>, 10 (3 & 4) 41-52. • Chakraborty, B.N., Chakraborty, U., Sunar, K. and Dey, P.L. (2014). Harnessing Beneficial Microbial Resources for Crop Improvement. In: <i>Trends in Soil Microbial Ecology</i> (Eds. D.P.Singh and H.B.Singh), Studium Press, USA, Chapter 9, pp 175-201. • Mur, U., Lloyd A.J., Gupta K.J., Chakraborty, U and Chakraborty, B.N. (2014). Harnessing the power of metabolomics to improve crop tolerance against stress. In: <i>Review of Plant Pathology</i> (Eds B.N. Chakraborty and U.Chakraborty) Vol. 6, Scientific Publishers (India), Jodhpur, p 59-91. • Chakraborty, U., Chakraborty, B.N. Chakraborty, A.P., Sunar K. and Dey P.L. (2014). Plant Growth Promoting Rhizobacteria: Diversity, Mechanisms of Action and Perspectives in Agriculture. In: <i>Review of Plant Pathology</i> (Eds B.N. Chakraborty and U. Chakraborty) Vol. 6, Scientific Publishers (India), Jodhpur, p 215-268 • Jaishee N and Chakraborty U (2015). Comparative assessment of phytochemicals and HPLC analyses of phenolics present in <i>Dicranopteris linearis</i> (N. Burm.) Underw and <i>Pteris vittata</i> L. <i>International Journal of Pharmacy and Pharmaceutical Science Research</i>, 5(1): 1-7 • Sunar K, Dey PL, Chakraborty U and Chakraborty BN (2015). Biocontrol efficacy and plant growth promoting activity of <i>Bacillus altitudinis</i> isolated from Darjeeling hills, India.

	<p><i>Journal of Basic Microbiology</i>, 55 (1) : 91-104.</p> <ul style="list-style-type: none"> • Bhattacharjee P, Chakraborty BN and Chakraborty U (2015). Field evaluation of vermicompost and selective bioinoculants for the improvement of health status of tomato plants. <i>Journal of Biology and Earth Sciences</i>, 5 (1): 25-33 • Barman S, Roy, S, Chakraborty U and Chakraborty BN (2015). Cultivation practices of <i>Calocybe indica</i> (P & C) and use of spent mushroom substrate for leafy vegetables in North Bengal. <i>Global Journal of Bio-Science & Biotechnology</i>, 4(1) : 74-80
Dr. A Saha	<ul style="list-style-type: none"> • Saha A., Saha B., Das S., Chakraborty P. Sarkar P. and Saha D. Molecular detection and diversity analysis of some potyviruses associated with mosaic diseases of papaya, common bean and potato growing in sub-himalayan west Bengal. <i>VEGETOS</i> 27(2): 338-346.2014 • Saha A., Saha B., and Saha D. Molecular detection and partial characterization of a begomovirus causing leaf curl disease of potato in sub-Himalayan West Bengal, India. <i>Journal of Environmental Biology</i> 35(3): 601-606. 2014 • Saha A., Das L., Saha B., and Saha D. Effect of nutritional and physiological features on <i>Rhizoctonia solani</i>, a seed borne pathogen of tea. <i>Journal of plant disease sciences</i> 9(1): 48-54 2014 • Saha B., Saha D., Biswas K.K. and Saha A. Distribution and molecular characterization of begomoviruses infecting tomato in sub-Himalayan tarai region of West Bengal and Brahmaputra valley of Assam in northeast India. <i>Indian Phytopathology</i> 67(1): 92-96.2014
Dr. A. Sen	<ul style="list-style-type: none"> • Mishra T and Sen A 2014. Antioxidant Potential of Canna: an overview. <i>NBU J PI Sc</i> • Goyal AK, S Pradhan, BC Basistha and A Sen 2014. Micropropagation and assessment of genetic fidelity of <i>Dendrocalamus strictus</i> (Roxb.) Nees using RAPD and ISSR markers. <i>3Biotech</i> • Goyal AK and A Sen 2014. Molecular phylogeny of North Bengal bamboos inferred through PCR-RFLP based on the trnL-trnF region. <i>The Experiment</i> • Sen A, V Daubin, D Abrouk, I Gifford, AM Berry, and P Normand 2014. The phylogeny of actinobacteria revisited in the light of complete genomes, the orders Frankiales and Micrococcales should be split into coherent entities. Proposal of Frankiales ord. nov., Geodermatophilales ord. nov., Acidothermales ord. nov. and Nakamurellales ord. nov. <i>IJSEM</i> • Saha MR, P Dey, TK Chaudhuri, DD Sarker, AK Goyal and A

	<p>Sen 2014. Assesment of haemolytic cytotoxic and free radical scavenging activities of an underutilized fruit, <i>Baccaurea sapida</i> (Roxb.) Muell. Arg. Ind. J. Expl. Biol.</p> <ul style="list-style-type: none"> • Saha MR, R Rai, P Kar, A Sen and DD Sarker.2015. Ethnobotany, traditional knowledge and socioeconomic importance of native drink among the Oraon tribe of Malda district in India. J Intercult Ethnopharmacol. • Dey P, MR Saha, SR Chowdhuri, A Sen, MP Sarkar and TK Chaudhuri. 2015. Assessment of anti-diabetic activity of an ethnopharmacological plant <i>Nerium indicum</i> through alloxan induced diabetes in mice. J Ethnopharma. • Goyal AK and A Sen 2015. An overview on the in vitro regeneration of <i>Canna</i>. Ind. J Biotechnol. • Mishra T, AK Goyal and A Sen 2015. Structural Characterization and Active Site Prediction of Bacterial Keratinase through Molecular Docking. Int. J. Fund. Appl. Sc. • Banerjee A, DK Sahoo, H Thatoi, BR Pati, KC Mondal, A Sen, PK Das Mohapatra 2015. Structural Characterization and Active Site Prediction of Bacterial Keratinase through Molecular Docking. J Bioinform • Mishra T, AK Goyal, M Bhattacharya, P Kar and A Sen. 2015. Polyethylene glycol mediated protoplast fusion of medicinally important <i>Canna</i>. Research in Plant Biology. • Roy A, S Mukherjee, I Sarkar and A. Sen 2015. Comparative investigation of the various determinants that influence the codon and amino acid usage patterns in the genus <i>Bifidobacterium</i>. World J Microbiol Biotechnol • Kar P, Goyal AK and Sen A 2015. Maturase K gene in plant DNA barcoding and phylogenetics. Plant DNA barcoding and phylogenetics (Book) • Sghaier H, K Hezbri, F Ghodhbane-Gtari, P Pujic, A Sen, D Daffonchio, A Boudabous, L Tisa, H -Peter Klenk, J Armengaud, P Normand and M Gtari 2015. Stone-dwelling actinobacteria <i>Blastococcus saxobidens</i>, <i>Modestobacter marinus</i> & <i>Geodermatophilus obscurus</i> proteogenomes . The ISME Journal.
Dr. SC Roy	<ul style="list-style-type: none"> • Roy Subhas Chandra (2014). Mass propagation of an epiphytic orchid <i>Acampe papillosa</i> (Lindl.) through in vitro seed germination. NBU J Plant Sci. vol. 8 (1): 65-70. ISSN No. 09746927. • Roy Subhas Chandra (2014). Morphological characterization of wild rice (<i>Oryza rufipogon</i> Griff.) of NBU campus (West Bengal) for in situ conservation and germplasm enhancement. NBU J Plant Sci. Vol. 8 (1): 53-64. ISSN No. 09746927.

	<ul style="list-style-type: none"> • Roy Subhas Chandra (2014). Assessment of Morphological Diversity within Wild Rice (<i>Oryza rufipogon</i> Griff.) Germplasm of NBU Campus (West Bengal) For In Situ Conservation- A Case Study. Indian J plant Genetic Resources, vol. 27(3): 251-258. ISSN : 0971-8184. • Roy Subhas Chandra (2014). Molecular cloning and expression of tea chitinase gene in <i>Pichia pastoris</i>, International Journal of Advanced Biotechnology and Research (IJBR) ISSN 0976-2612, Online ISSN 2278-599X, Vol5, Issue4, 2014, p612-618 • Chowdhury Tanmoy, De Sarker Dilip and Roy Subhas Chandra (2014). Local folk use of plants in Dakshin Dinajpur district of West Bengal, India. International Research Journal of Biological sciences, 3(5): 67-79. • T Chowdhury, Subhas Ch. Roy and Dilip De Sarker (2014). Wild edible plants of Uttar Dinajpur District, West Bengal. Life Science Leaflets, 47: 20-36. (ISSN no. 2277-4297 print).
Dr. P. Mandal	<ul style="list-style-type: none"> • Subba A and Mandal P Free Radicals and Antioxidants. 5(1)2015 • Jha S and Mandal P International Journal of Pure & Applied Bioscience. 3(2) 2015 • Gupta SK, Ghosal M, Choudhury D and Mandal P International Journal of Recent Scientific Research. 5(5) 2014 • Gupta SK, Ghosal M, Biswas R, Saha BK, Das AP and Mandal P International Journal of Current Science. 4 2014 • Gupta SK, Ghosal M, Choudhury D and Mandal P British Journal of Pharmaceutical Research. 4(6) 2014 • Ghosal M and Mandal P NBU Journal of Plant Sciences. 8(1) 2014 • Mukhia S, Mandal P, Singh DK, Singh D and Choudhury D International Journal of Pharmaceutical Sciences and Research. 5(10) 2014 • Choudhury D, Biswas R, Mandal P and Das AP Pleione. 8(1) 2014 • Gupta SK and Mandal P American Journal of Phytomedicine and Clinical Therapeutics. 2(11) 2014 • Mandal P and Gupta S K International Journal of Pharmaceutical Sciences Review and Research. 26(1) 2014 • Jha S, Mandal P, Bhattacharya P and Ghosh A Journal of Animal Science and Biotechnology. 5(16) 2014
Dr. M. Chowdhury	<ul style="list-style-type: none"> • Chowdhury, M and Das A.P. (2014) Plant diversity and community structure of Hazar Takia palustrine of central West Bengal, India. NBU J. Pl. Sc. 25-35 • Chowdhury, M (2014) Preliminary screening of Medicinal

	<p>plants growing in different habitats of Maldah district of West Bengal, India: NBU J. Pl. Sc. 37-51</p> <ul style="list-style-type: none"> • Chowdhury, M and Nandi B. (2014) Avifauna in five wetlands of Diara and Barind region in Maldah district of West Bengal, India. J. Threatened Taxa. 6 (4):5660-5666 • Anurag Chowdhury, Chowdhury, M. and Das, A. P. (2015) <i>Potamogeton gramineus</i> linnaeus (Potamogetonaceae): A new record for indian sub-continent with a complete morphological description. International Journal of Current Research Vol. 7, Issue, 02, pp.12362-12364
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12. Research Project (major & Minor)

Major Research project		
Title of the scheme project	Sanctioned authority	
Prevalence, Survival, Growth Characteristics, and Toxigenicity of Foodborne Bacterial Pathogens in Processed Foods, Marketed in the Town of Siliguri	University Grants Commission, New Delhi	Under DRS-III (SAP) 2013-18
Activation of defense in mandarin (<i>Citrus reticulata</i>) plants against root pathogens using AMF, PGPF and PGPR for improvement of their health status in Darjeeling hill	University Grants Commission, New Delhi	Under DRS-III (SAP) 2013-18
Habitat analysis, conservation and genomic studies of some RET plants of Terai Duars and hills of Darjiling	University Grants Commission, New Delhi	Under DRS-III (SAP) 2013-18
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	2012-2015
Establishment of Rural Bio resource Complex in North Bengal [A Collaborative Project with UBKV]	DBT	2012-2015
Establishment of Bioinformatics Facility	DBT, New Delhi	

Screening of resistance in wheat germplasm against spot blotch disease and immunological characterization of defense proteins triggered by <i>Bipolaris sorokiniana</i>	CSIR	2014-2016
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	2014-2017
A Bioinformatics perspective to impede the tubercle bacillus (TB) devastation in West Bengal	WB-DBT	2015-2018

13. Visiting Fellow:

Name of the Visiting Fellow	Duration	Institution
Professor B.N. Chakraborty	Visiting Fellow under UGC DRS-I to deliver lectures (March 02-09, 2015)	Department of Botany Tripura University Agartala
Dr. M. Chowdhury	Visiting faculty to taking classes of M.SC 3rd Semester, 2014 (from 11th – 14th Nov, 2014)	Department of Botany, University of Gour Banga, Malda

14. Any other information- Award received.

Name of the Faculty	Information
Prof.B.N.Chakraborty	Received N. Prasada Memorial Award from Indian Society of Mycology & Plant Pathology
Prof U Chakraborty	i) Received 'Woman Leadership Award' for significant contribution in Agricultural Microbiology, presented at National PGPR workshop organized at Banaras Hindu University, during October 7-8, 2014. ii) Elected as President of Indian Society of

	Mycology & Plant Pathology for the period 2014-15
Dr. A. Saha	Became fellow of Indian Society of Mycology and Plant Pathology in the year (FISMPP) 2015.

Progress Report of Bioinformatics Facility

University of North Bengal

Coordinator: Dr Arnab Sen

Deputy Coordinator: Dr. AK Bothra

The center has every modern facility of information and communication including necessary hardware and software. There were a number of publications in journals and posters presented in national and international conferences on the relevant areas.

Major research activities in Biotechnology and its related fields:

At NBU major research activities are clustered in the arenas of molecular genetics, microbial biotechnology, plant tissue culture, immunology, microbial genomics, transgenics, genomics and proteomics of nitrogen fixing bacteria and food pathogenic bacteria.

Area of specialization of the centre:

Microbial genomics, molecular modeling, molecular dynamics, structural bioinformatics and molecular phylogenetics.

Major activities of the centre during the year 2014-15:

A National Workshop was organized on March 12th-14th 2015 at University of North Bengal.

Infrastructure facilities in the Bioinformatics Centre: Computer and communication:

One Dell™ Rack Mount Server, One Apple IMAC machine, One HP laserjet Colour Printer, One HP Scanjet Scanner, 0.22 PCs with OS, Two High end servers and a Medium end server, One Toshiba make Laptop, One Laser printer (network), one Desk-Jet printer, One Canon make Photocopier, one Sony make LCD Projector, CISCO 1700 Leased line Router. **Scientific and Software packages:** Two Windows

2003 Server with license, 10 Windows XP Professional with license, 8 Windows VISTA with License, Microsoft ISA Server 2005 for Proxy Server, one Microsoft Visual Studio, .NET, MS SQL Server (Std.), MS Office 2003, Fedora 7 Linux, Ubuntu Linux, Red-Hat Enterprise Linux, 14 Quick Heal AVG Antivirus Package. Acclerys Gene Package, MAUVE, GRIL, GENOME BROWSER, BIOEDIT, CODONS, CODON W, MATLAB 5.0, MODELLER 9v7, Autodock, CLUSTAL W, CLUSTAL X, DNAsp 4.0, MEGA 4.0, TREEVIEW, MR. BAYES, PHYLODRAW, CHIMERA, SPDBV, RASMOL, PHYLIP, PAUP, HYPHY, GLIMMER, HUMMER, AMORPHA, GENETRACE, GROMACS, CHEMDRAW, Cn3D, SPLITSTREE, DAMBE, VMD, Jcat, Argus Lab, C++ and PERL.

Other resources:

10 Mbps Line from Reliance and BSNL.

Details about staff members working in the center:

Serial No.	Name of the Staff	Designation	Working Since
1	Pallab Kar	Research Associate	May 2014- till date
2	Indrani Sarkar	Studentship Holder	May 2014- till date
3	Krishanu Ghosh	Data Entry Operator	September 2009-till date
4	Arnab Kumar Chakraborty	Traineeship Holder	January 2013- till date

Types of service provided: The center provides access to the faculty members, research scholars and students from nearby universities, colleges and research institutions interested in working in the field of bioinformatics.

Educational activities with details of placement:

Five PhD students (Ayan Roy, Sanghati Bhattacharya, Pallab Kar, Indrani Sarkar and Arnab Kumar Chakraborty) are currently engaged in their research work utilizing the facility. Mr. Saubashya Sur, Mr. Uttam Kumar Mondal and Miss Subarna Thakur have already been awarded their Ph.D. degree. Besides faculty members, students and research scholars from other departments, institutes and nearby areas utilize this facility.

Collaborative work and initiatives:

The Coordinator Dr. Arnab Sen has set up International collaboration with the Department of Microbiology, University of New Hampshire, USA. Dr. Sen also has collaboration with Bioinformatics Centre of Bose Institute, Kolkata and Maharani Lakshmi Ammanni College for Women, Bangalore. Dr. Sen has been collaborating with Prof. Subhasis Mukherjee, Department of Biophysics, Molecular Biology and Bioinformatics, University of Calcutta, for the development of Probiotic Secretome Database. Dr. Sen has been recently attended an International Conference at Liverpool, U.K. held on 14th to 17th April, 2014. Dr. Sen has been honoured with prestigious **DBT CREST Award 2011-2012** and has currently been collaborating with Dr. Philippe Normand, University of Lyon, France for advancements in *Frankia* genomics and bioinformatics.

Databases and software developed:

We have developed programs for codon usage analysis and another for phylogenetic analysis. A database named **BAMBOOINFOLINE**- a database for North Bengal bamboo's (<http://www.bamboodb.ind.in/>) has been developed. We have accomplished constructing a database on secretome analysis of *Mycobacterium* –**MycoSec** (<http://www.bicnbu.in/mycosec/>).

Initiation of R&D activities in Bioinformatics:

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

***Frankia* Genome sequencing project collaborating laboratory:**

The Coordinator of NBU Bioinformatics Facility, Dr. Arnab Sen has a long-term collaboration with Dr. Louis S. Tisa, Department of Microbiology, University of New Hampshire, USA. He along with Dr. Louis S. Tisa has been working towards the complete genome sequencing of five *Frankia* strains collected from different parts of the world. DNA sequencing for *Frankia* strains Eul1c has been completed and is available in public domain.

Research publications from the Centre (2014-15):

1. Roy A, S Mukherjee, I Sarkar and A. Sen (2015). Comparative investigation of the various determinants that influence the codon and amino acid usage patterns in the genus *Bifidobacterium*. *World J Microbiol Biotechnol* (accepted).
2. Kar P, Goyal AK and Sen A (2015). Maturase K gene in plant DNA barcoding and phylogenetics. In: Ali M. A., Gyulai G., Al-Hemaid F (Edn.), *Plant DNA barcoding and phylogenetics*, pp. 79-90. LAP LAMBERT Academic Publishing, Germany.
3. Mishra T, AK Goyal, M Bhattacharya, P Kar and A Sen. (2015). polyethylene glycol mediated protoplast fusion of medicinally important *Canna*. *Research in Plant Biology*. 5(1): 20-24.

4. Banerjee A, DK Sahoo, H Thatoi, BR Pati, KC Mondal, A Sen, PK Das Mohapatra (2015). Structural Characterization and Active Site Prediction of Bacterial Keratinase through Molecular Docking. *J Bioinform* 1:67-82.
5. Mishra T, AK Goyal and A Sen (2015) An overview on the in vitro regeneration of Canna. *Int. J. Fund. Appl. Sc. (in press)*
6. Goyal AK and A Sen (2015). In vitro regeneration of bamboos, the Green gold: An overview. *Ind. J Biotechnol. (in press)*
7. Dey P, MR Saha, SR Chowdhuri, A Sen, MP Sarkar and TK Chaudhuri (2015). Assessment of anti-diabetic activity of an ethnopharmacological plant *Nerium indicum* through alloxan induced diabetes in mice. *J Ethnopharma (publish online)*.
8. Saha MR, R Rai, P Kar, A Sen and DD Sarker (2015) Ethnobotany, traditional knowledge and socioeconomic importance of native drink among the Oraon tribe of Malda district in India. *J Intercult Ethnopharmacol.* 4: 34-39.
9. Saha MR, P Dey, TK Chaudhuri, DD Sarker, AK Goyal and A Sen (2015). Assesment of haemolytic cytotoxic and free radical scavenging activities of an underutilized fruit, *Baccaurea sapida* (Roxb.) Muell. Arg. *Ind. J. Expl. Biol. (accepted)*
10. Sen A, V Daubin, D Abrouk, I Gifford, AM Berry, and P Normand (2014) The phylogeny of actinobacteria revisited in the light of complete genomes, the orders Frankiales and Micrococcales should be split into coherent entities. Proposal of Frankiales ord. nov., Geodermatophilales ord. nov., Acidothermales ord. nov. and Nakamurellales ord. nov. *IJSEM (published online)*.
11. Goyal AK and A Sen (2014) Molecular phylogeny of North Bengal bamboos inferred through PCR-RFLP based on the trnL-trnF region. *The Experiment* 19: 1304-1315
12. Goyal AK, S Pradhan, BC Basistha and A Sen (2014). Micropropagation and assessment of genetic fidelity of *Dendrocalamus strictus* (Roxb.) Nees using RAPD and ISSR markers. *3Biotech*. DOI: 10.1007/s13205-014-0244-7
13. Mishra T and A Sen (2014). Antioxidant Potential of Canna: an overview. *NBU J Pl Sc. (in press)*
14. Goyal AK and A Sen (2014). Phylogenetic relationships among 29 accessions of bamboos encountered in North Bengal, India based on RAPD and ISSR markers. *Ind J Biotechnol (accepted)*.
15. Saha MR, P Kar, A Sen and DD Sarker (2014). Ethnobotany of Chanchal Block of Malda District of West Bengal (India): Plants used Local Healthcare. *Pleione*, 8:381-390.
16. Saha MR, DD Sarker, P Kar, P Sengupta and A Sen (2014). Indigenous knowledge of plants in local healthcare management practices by tribal people of Malda district, India. *J Intercult Ethnopharmacol.* 3(4): 179-185.
17. Ghosh S, UK Mondal, A Sen and AK Bothra (2014). Comparative analysis and codon usage study of nifD, nifK and nifH genes linked with free living nitrogen fixing bacteria. *Int. J. Integ. Biol.* 15:7-10
18. Kar, P, AK Goyal AP Das and A Sen (2014). Antioxidant and pharmaceutical potential of *Clerodendrum L.*: an overview. *Int. J. Green Pharma.* 8(4): 210-216.
19. Pal S, A Banerjee, PS Das, BR Pati, KC Mandal, B Chakraborty, A Sen and PKD Mohapatra (2014) Dengue virus type 4 evolution & genomics: a Bioinformatic approach. *Ind J Biotechnol (accepted)* IF: 0.51
20. Banerjee A, S Pal, T Pal, KC Mondal, BR Pati, A Sen and PKD Mohapatra (2014) Characterization of *Bacillus proteases* through protein-protein interaction: an in silico study of antirax pathogenicity. *Hum. Trad. Med.* 4:e6.
21. Goyal AK and A Sen (2014). Molecular Phylogeny of North Bengal bamboos inferred through PCR-RFLP based on the trnL-trnF region. *The Experiment Journal.* 19:1304-1315.

22. Saha MR, DD Sarker and A Sen (2014). Ethnoveterinary practices among the tribal community of Malda district of West Bengal, India. *Ind. J. Tradit. Knowl.* 13(2): 359-367.

Future activities:

- Updation of database MycoSec.
- Development of database on secretomes of probiotic bacteria.
- Annotation and analysis of five *Frankia* genomes whose sequencing has been undertaken.
- Bioinformatics analysis of nitrogen fixing and food pathogenic bacterial genomes.
- Comparative genomics of bacterial genomes that constitute the flora of normal human gut.
- Molecular modeling of some nitrogen fixing proteins and bacterial toxin proteins.
- Publication of Newsletter and conducting various training programs/workshops and seminar/conference in bioinformatics in North Bengal and adjoining areas.

Additional Details:

Coordinator: Dr. Arnab Sen

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Deputy Coordinator: Dr. Asim K Bothra

Chemiinformatics Bioinformatics Laboratory

Department of Chemistry

Raiganj (University) College, Raiganj-733134 Phone: 9474441570; E-mail: asimbothra@gmail.com



DR. ARNAB SEN
Coordinator
NBU Bioinformatics Facility
University of North Bengal

Department of Chemistry

About the Department
Post Graduate Teaching Departments
Department of Chemistry
Year of Establishment: 1963

The Department of Chemistry has M.Sc. and Ph.D Programs. The academic programmers are so designed as to enable the students to acquire a good understanding of classical Chemistry as well as its latest developments. A good number of students qualify the NET every year. The Department was selected by the UGC for Special Assistance Program under Departmental Research Support category. The department has also received assistance from the Department of Science and Technology under its FIST program under which a major instrument, viz. 300 MHz FT-NMR machines has been installed and successfully operational for more than ten years. The department organizes several programs throughout the year such as Science Academy Workshops, National/International Seminars and Special Lectures by distinguished scientists from all over the Globe. Every year, our students are admitted to Ph.D. program at IITs, NITs, IISERs and other research institutes of National importance, and also students are offered post-doctoral fellowships in abroad after completing Ph.D. works from this department.

Courses Taught: M.Sc. in Chemistry (Organic, Inorganic, Physical)

Research Activities: 1. Ph.D. Program in Chemistry

2. DST Sponsored FIST Program.

3. UGC Special Assistance Program

4. Several Major Research Projects funded by UGC, DST, DBT, CSIR are completed/ ongoing.

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
S. K. Saha	A. K. Nanda	S. Das
B. Basu	P. Ghosh	
B. Das (Resigned on 03.07.2013)	A. K. Panda	
M. N. Roy	A. Misra	
	A. Majumder	

5. Name of the Research Scholars

Sl. No.	Name of the Research Scholars	Sl. No.	Name of the Research Scholars
1.	Samir Sen	33	Sujoy Paul
2	Baidyanath Ghosh	34	Moumita Das
3	Siddartha S. Baisya	35	Bittu Saha
4	Soumik Bardhan	36	Gourab Karmakar
5	Gulmi Chakraborty	37	Biplab Roy
6	Madhurima Palchoudhury	38	Pritam Guha
7	Subrata Chakraborty	39	Pransant Nahak
8	Mrinmoy Jha	40	Priyam Chettri
9	Debasish Sengupta	41	Banita Sinha
10	Babli Roy	42	Tamal Goswami
11	Kinkar Biswas	43	Pradipta Sarbadhikary
12	Sujit Ghosh	44	Manoj Majumder
13	Samir Kundu	45	Rakesh Kar
14	Pritam De	46	Sonali Sarkar
15	Tanusree Ray	47	Dhiraj Brahman
16	Partha Sarathi Sikdar	48	Rajendra Pradhan
17	Subhankar Choudhury	49	Abhijit Sarkar
18	Milan Chandra Roy	50	Kaushik Acharjee
19	Biswajit Datta	51	Amarjit Kamath
20	Kanak Roy	52	Dipu Kumar Misra
21	Mitali Kundu	53	Sanjoy Saha
22	Koyeli Das	54	Bijan Pandit
23	Ambica Kejriwal	55	Rashmidipta Biswas
24	Amrita Mitra	56	Tumpa Saha
25	Sachidulal Biswas	57	Joy gopal Mandal
26	Mossaraf Hossain	58	Habibur Rahaman
27	Bipranch Kumar Tiwary	59	Prasenjit Ghosh
28	Mainul Haque	60	Barnali Kar
29	Raju Subba	61	Bhaskar Ganguly
30	Jayanta Das	62	Seema Dwivedi
31	Antara Sarkar	63	Biswajit Mondal
32	Mahua Upadhyay		

6. Name of the Project Scholars :

7. Name of the Non-Teaching Staff :

Name	Designation
S. K. Ghosh	Record supplier
N. C. Barman	Lab attdt.grade II
G. C. Roy	Lab attdt.grade II
H. L. Tigga	Sr.peon
A. Sharma	Lab attdt.grade III
Y.Mandal	Lab attdt.grade III
S. Roy	Tech.Asstt.grade II
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.	30	18	48
	2 nd Sem.	30	18	48
Part – II	3 rd Sem.	17	22	39
	4 th Sem.	17	22	39

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. S. K. Saha	North East Regional Seminar on Trends in Colloids and Interface Science – 2014,	Department of Chemistry, NEHU, Shillong During November 27-28, 2014.	
	Science Academies Lecture Workshop on ‘Spectroscopy of Emerging Materials’,	November 26-27, 2014 at Department of Chemistry, Univ. of North Bengal under the sponsorship of IASC, Bangalore, INSA, New Delhi and INASC, Allahabad	
		Department of Chemistry, National Cheng Kung University, Taiwan during October 13-20, 2014	

	International Symposium on Nano Science and Technology (2014 ISNST),	Southern Taiwan University, Taiwan during October 17-18, 2014	
Prof. B. Basu	Frontier in Chemistry-2015	Department of Chemistry, NBU, during February 17-18, 2015	Formation of Carbon Sulfur Bonds Using Well-Defined Ni(0) Nanoparticles Supported with Reduced Graphene Oxide
	Frontier in Chemistry-2015	Department of Chemistry, NBU, during February 17-18, 2015	Reduced Graphene Oxide (RGO) - an eco-friendly and reusable carbocatalyst for the synthesis of biologically potent N-based heterocycles
	Frontier in Chemistry-2015	Department of Chemistry, NBU, during February 17-18, 2015	A Comparative study with Silica, GO and GO-Silica Hybrid Composite in the reaction of Thiol and Allyl Bromide
	Frontier in Chemistry-2015	Department of Chemistry, NBU, during February 17-18, 2015	Poly-ionic resin supported Pd/Fe bimetallic nanocomposites : catalytic application hydrodehalogenation

	Frontier in Chemistry-2015	Department of Chemistry, NBU, during February 17-18, 2015	Graphene Oxide (GO) catalyzed tandem synthesis of Imidazo[1,2-a]pyridines and further one-pot sulfenylation.
	RTPC-2015	NIT Sikkim, during January 23-24, 2015	Stabilized Ni(0) Nanoparticles supported with RGO: Efficient heterogeneous catalyst for C-S cross coupling reaction.
	RTPC-2015	NIT Sikkim, during January 23-24, 2015	Graphene oxide (GO) – an efficient carbocatalyst for the one-pot tandem reduction and cyclization for quinoxaline synthesis
Prof. M. N. Roy	51 st Annual Convention of Chemist	Department of Chemistry, Kurukshetra University, Kurukshetra during December 9-12, 2014	Host-Guest Inclusion Complexes of RNA Nucleosides Insight into Aqueous Cyclodextrins
Dr. B. Sinha	National Seminar on Integrated Approaches in Horticulture for Sustainable Development-2014	Palli Siksha Bhavana, Visva-Bharati, Sriniketan, 29-30 th November-2014	Efficacy of Some Schiff Bases and Their Zn(II) Complexes as

			Plant Growth Promoters
	17 th CRSI National Symposium in Chemistry	NCL, Pune, 06-08 th February-2015	Hydrogen bond interactions in the blend of 1,4-dioxane with some 1, 2-disubstituted ethanes at $T = (298.15, 308.15 \text{ and } 318.15) \text{ K}$
	Frontiers in Chemistry-2015	Dept. of Chemistry, N. B. U, 17-18 th February-2015	Attended
	22 nd West Bengal State Science & Technology Congress-2015	N.B.U, 28 th February-1 st March-2015	Attended

10. Organized Seminar/Conferences:

Name of the Seminar/Conference	Date of the Seminar/Conference	
Special lecture by Dr. S. Sengupta, Editor JSIR, NISCAIR, New Delhi on "Activates of NISCAIR including JSIR, New Delhi"	May 28, 2014, Department of Chemistry, NBU.	
One day Seminar in commemoration of the 153 rd Birth Anniversary of A. P. C. Roy, organized by the CRSI-NBU-Local Chapter,	September 12, 2014, Department of Chemistry, NBU.	
Special lecture by Dr. Ayan Dutta, IACS, Kolkata.	November 03, 2014, Department of Chemistry, NBU.	
Science Academies Lecture Workshop on "Spectroscopy of Emerging Materials"	November 26-27, 2014, Department of Chemistry, NBU.	
"Frontiers in Chemistry - 2015" funded by UGC & SAP DRS-III	February 17-18, 2015, Department of Chemistry, NBU	
An invited talk by Prof. Souvik Maiti, CSIR-Institute of Genomics and Integrative Biology (IGIB), Delhi on "Carrier Orientation"	March 02, 2015 Department of Chemistry, NBU	
Seminar lecture by Prof. Brindaban C. Ranu FAcS, FNA. INSA Senior Scientist & J C Bose National Fellow, Department of Organic Chemistry, Indian Association for the Cultivation of Science, Jadavpur, Kolkata – 700032, India, on "Sustainable and Economic Concept for Metal Catalysis"	March 18, 2015 Department of Chemistry, NBU	

11. Publication:

Sl. No.	Name of the Author	Name of the Book/Journal/Volume	Year of Publication
1.	Soumik Bardhan, Kaushik Kundu, Gulmi Chakraborty, Swapan K. Saha*, Bidyut K. Paul*	The Schulman method of cosurfactant titration of the oil/water interface (dilution method): A review on a well-known powerful technique in interfacial science for characterization of water-in-oil microemulsions, <i>J. Surfactants Detergents</i> , (In press)	2015
2.	Kaushik Kundu, Soumik Bardhan, Shyamal Banerjee, Gulmi Chakraborty, Swapan K. Saha, Bidyut K. Paul,	Influence of chemical architecture of oils and ionic liquid on the physicochemical and thermodynamic properties and microenvironment of anionic surfactant based microemulsion, <i>Colloids and Surfaces A</i> , 469, 117–131	2015
3.	Subrata Chakraborty, Amitabha Chakraborty and Swapan K. Saha*,	Tuning of physico-chemical characteristics of charged micelles by controlling head group interactions via hydrophobically and sterically modified counter ions, <i>RSC Adv.</i> , 4, 32579-32587.	2014
4.	S. Bardhan, K. Kundu, Sajal Das, Madhumita Poddar, S. K. Saha*, B. K. Paul*,	Formation, thermodynamic properties, microstructures and antimicrobial activity of mixed cationic/non-ionic surfactant microemulsions with isopropyl myristate as oil, <i>J. Colloid Interface Sc.</i> , 430, 129–139.	2014
5.	Soumik Bardhan, Kaushik Kundu, Gulmi Chakraborty, Bidyut K. Paul, Satya P. Moulik, Swapan K. Saha*	<u>Chapter in Book</u> Bio-inspired microemulsions and their strategic pharmacological perspectives, in <i>Encyclopedia of Biocolloid and Biointerface Science</i> (eds Hiroyuki Ohshima), John Wiley & Sons Ltd., (In press)	2015
6.	Kaushik Kundu, Bidyut K. Paul, Soumik Bardhan, Swapan K. Saha*,	Recent Advances in <i>Bio-Ionic Liquids, and Biocompatible Ionic Liquid based Microemulsions</i> , in <i>Ionic Liquid Based Surfactant Systems: Formulation, Characterization and Applications</i> (eds Bidyut K. Paul and Satya P. Moulik) John Wiley & Sons, Ltd (In press)	2015
7.	D. Sengupta, B. Basu,*	An Efficient Heterogeneous Catalyst (CuO@ARF) for On-water C–S Coupling Reaction: Application to the	2014

		Synthesis of Phenothiazine Structural Scaffold, <i>Org. Med. Chem. Lett.</i> 4, 17 (DoI: 10.1186/s13588-014-0017-7).	
8.	B. Basu and B. Mandal	A Chapter titled " <i>Sustainable Synthesis of Benzimidazole, Quinoxaline and Congeners</i> ", Book titled " <i>Green Synthetic Approaches for Biologically Relevant Heterocycles</i> " (Ed. G. Brahmachari: Elsevier, UK, November. Print Book ISBN: 9780128000700	2014
9.	B. Roy, D. Sengupta, B. Basu,*	Graphene Oxide (GO)-catalyzed chemoselective thioacetalization of aldehydes under solvent-free conditions, <i>Tetrahedron Lett.</i> 55, 6596. IF 2.391	2014
10.	K. Bhowmik, D. Sengupta, B. Basu*, and G. De.*	Reduced Graphene Oxide Supported Ni Nanoparticle: A High Performance Reusable Heterogeneous Catalyst for Kumada–Corriu Cross-coupling Reactions, <i>RSC Adv.</i> , 4, 35442. IF 3.708.	2014
11.	B. Basu,* S. Kundu,	Unprecedented Amidation of ‘Transient’ Aryl Thioaldehydes by <i>N,N</i> -Dimethylformamide under Basic Conditions, <i>New J. Chem.</i> 38, 3367. IF. 3.159	2014
12.	D. Sengupta, J. Saha, G. De,* and B. Basu,*	Pd–Cu Bimetallic Nanoparticles Embedded in Macroporous Ion-exchange Resins: An Excellent Heterogeneous Catalyst for the Sonogashira Reaction, <i>J. Mater. Chem. A</i> , 2, 3986. (IF 6.626 for Parent Journal: <i>J. Mater. Chem.</i>)	2014
13.	B. Basu,* K. Biswas, S. Kundu, D. Sengupta,	In Quest of “Stereoselective-switch” for On–water Hydrothiolation of Terminal Alkynes Using Different Additives and Green Synthesis of Vicinal Dithioethers, <i>Org. Chem. Intl.</i> Vol. (6 pages), DoI: 10.1155/2014/358932	2014
14.	Mahendra Nath Roy*, Milan Chandra Roy, Subhankar Choudhury, Pran Kumar Roy and Rajani Dewan,	Conductometric, Refractometric and FTIR Spectroscopic Study of [EMIm]NO ₃ , [EMIm]CH ₃ SO ₃ , and [EMIm]OTs in <i>N,N</i> -DimethylFormamide, <i>N,N</i> -DimethylAcetamide and Dimethyl Sulphoxide, <i>ThermochimicaActa</i> 599, 27-34.	2015
15.	Ishani Banik and Mahendra Nath Roy*,	Structural effects of three carbohydrates in nicotinic acid/water mixed solvents, <i>Journal of Molecular Liquids</i> 203, 66–79.	2015
16.	Mahendra Nath Roy*, Pritam Dey and Partha Sarathi Shikdar,	Physicochemical study of solution behaviour of alkali metal perchlorates 2 prevailing in <i>N,N</i> -Dimethyl Formamide with the manifestation of ion 3 solvation consequences, <i>Journal of Molecular Liquids</i> , 187, 368-373.	2015
17.	Mahendra Nath	Study of Ion-Pair and Triple-Ion Origination of an	2014

	Roy*, Tanusree Ray, Milan Chandra Roy and Biswajit Datta,	Ionic Liquid, ([bmmim][BF ₄]) Predominant in Solvent Systems, <i>RSC Adv.</i> , 4, 62244.	
18.	Mahendra Nath Roy*, Deepak Ekka, Subhadeep Saha and Milan Chandra Roy,	Host-guest inclusion complexes of α and β -cyclodextrins with α -amino acids, <i>RSC Adv.</i> , 4, 42383.	2014
19.	Deepak Ekka and Mahendra Nath Roy*,	Quantitative and qualitative analysis of ionic solvation of individual ions of imidazolium based ionic liquids in significant solution systems by conductance and FTIR spectroscopy, <i>RSC Adv.</i> , 4, 19831-19845.	2014
20.	Mahendra Nath Roy*, Milan Chandra Roy and Tanusree Ray,	Study of Diverse Interfaces of Biologically Active Solutes in H ₂ O + Ionic Liquid Systems by Physicochemical approach, <i>J. T. R. Chem.</i> 21, 1-14	2014
21.	Biswajit Datta and Mahendra Nath Roy*,	Essential foundation of triple-ion and ion-pair formation of tetraheptylammonium iodide (Hept ₄ NI) salt in organic solvents investigated by physicochemical approach, <i>Physics and Chemistry of Liquids</i> .	2014
22.	Mahendra Nath Roy*, Partha Sarathi Sikdar and Pritam Dey,	Probing Subsistence of Diverse Interplay of an Imidazolium Based Ionic Liquid Insight into Industrially Significant Solvent Environments, <i>Indian Journal of Advances in Chemical Science</i> 3, 1-13.	2015
23.	A. Mitra, A. Pariyar, S. Bose, P. Bandyopadhyay, A. Sarkar,	'First phenalene based receptor for selective iodide ion sensing'; <i>Sensors and Actuators B</i> , 210, 712.	2015
24.	A. Kejriwal, A.N. Biswas, P. Bandyopadhyay,	'Diferic oxo-bridged complexes of a polydentate aminopyridyl ligand: synthesis, structure and catalytic reactivity'; <i>Transition Metal Chemistry</i> , 39, 909 .	2014
25.	A. Pariyar, S. Bose, A.N. Biswas, S. Barman and P. Bandyopadhyay,	'A Non-heme Cationic Fe(III)-complex Intercalated in Montmorillonite K-10: Synthesis, Characterization and Catalytic Alkane Hydroxylation with H ₂ O ₂ at Room Temperature'; <i>Catalysis Science & Technology</i> , 4, 3180-3185.	2014
26.	Chandra Sekhar Biswas, Kheyath Mitra, Shikha Singh, Kalyan Ramesh, Nira Misra, Biswajit Maiti, Amiya Kumar Panda, Pralay Maiti, Masami	Study of the Effect of Isotacticity on Some Physical Properties of Poly(N-isopropylacrylamide)", <i>Colloid Polym. Sci. In Press</i>	2015

	Kamigaito, Yoshio Okamoto, Biswajit Ray		
27.	Prasant Nahak, Gourab Karmakar, Biplab Roy, Pritam Guha, Manish Sapkota, Suraj Koirala, Chien-Hsiang Chang, Amiya Kumar Panda	Physicochemical studies on local anesthetics loaded second generation nanolipid carriers”, <i>RSC Advances</i> , 5, 26061-26070.	2015
28.	Pritam Guha, Biplab Roy, Gourab Karmakar, Prasant Nahak, Suraj Koirala, Manish Sapkota, Takeshi Misono, Kanjiro Torigoe, Amiya Kumar Panda	Ion Pair Amphiphile: A Neoteric Substitute that Modulates the Physico-Chemical Properties of Biomimetic Membranes”, <i>J. Phys. Chem. B.</i> (accepted, DOI: 10.1021/jp512212u).	2015
29.	Prasant Nahak, Kaushik Nag, Ashley Hillier, Ravi Devraj, David W. Thompson, Kausik Manna, Kimiko Makino, Hirouyuki Ohshima, Hiromichi Nakahara, Osamu Shibata, <u>Amiya Kumar Panda</u> ,	“Effect of Serum, Cholesterol and Low Density Lipoprotein on the Functionality and Structure of Lung Surfactant Films”, <i>Journal of Oleo Science</i> , 63, 1333-1349.	2014
30.	Biplab Roy, <u>Amiya Kumar Panda</u> , Srinivas Parimi, Igor Ametov, Timothy Barnes, Clive A. Prestidge,	“Physico-chemical Studies on the Interaction of Dendrimers with Lipid Bilayers. 1. Effect of Dendriemer Generation and Liposome Surface Charge” <i>Journal of Oleo Science</i> , 63, 1185-1193.	2014
31.	Sujoy Paul, <u>Amiya Kumar Panda</u> ,	"Combined Phase Behavior, Dynamic Light Scattering, Viscosity and Spectroscopic Investigations on Pyridinium Based Ionic Liquid-in-Oil Microemulsion" <i>RSC Adv.</i> 4, 32383–32390	2014
32.	Sudarshana Majumder, Bappaditya Naskar, Shilpi Ghosh, Chen-Hsuan Lee, Chien-Hsiang Chang, Satya Priya Moulik, <u>Amiya Kumar Panda</u> ,	“Synthesis and characterization of surfactant stabilized nanocolloidal dispersion of silver chloride in aqueous medium” <i>Colloids Surf. A: 443</i> , 156– 163	2014

33.	R. Biswas, D. Brahman, B. Sinha,	Thermodynamics of the complexation between salicylaldehyde thiosemicarbazone with Cu(II) ions in methanol-1,4-dioxane binary solutions, <i>J. Serb. Chem. Soc.</i> 79 565-578.	2014
34.	D. Brahman, B. Sinha,	Non-covalent interactions between {N, N'-bis[(2-pyridinyl)methylene]-1, 2-benzenediamine}-bis(nitrato)}Cu(II) with pyridoxine hydrochloride in methanol at $T = (298.15, 308.15 \text{ and } 318.15) \text{ K}$, <i>J. Chem. Thermodynamics</i> 75 136-144.	2014
35.	D. Brahman, B. Sinha,	Partial molar volumes and viscosity B-coefficients for N, N'-ethylenebis(salicylideneiminato)-diaquochromium(III) chloride in methanolic solutions of 1-butyl-2,3-dimethylimidazolium tetrafluoroborate at $T = (298.15, 308.15, \text{ and } 318.15) \text{ K}$, <i>J. Chem. Thermodynamics</i> 68 260-269.	2014
36.	D. Brahman, B. Sinha,	Solution behaviour of (N, N' ethylenebis(salicylideneiminato))-iron(III) chloride in aqueous methanol at 298.15, 303.15 and 313.15 K, <i>J. Serb. Chem. Soc.</i> 79 225-239.	2014
37.	D. Brahman, R. Pradhan, B. Sinha,	Solution thermodynamics of iron(III)-N,N'-ethylenebis(salicylideneiminato)-chloride in binary mixtures of N,N-dimethylformamide and acetonitrile at $T = (298.15, 303.15, 308.15 \text{ and } 313.15) \text{ K}$, <i>J. Chem. Thermodynamics</i> 75 96-105.	2014
38.	B. Sinha, G. C. Dey, B. Sarkar, A. Roy, Seik Weng. Ng, Edward R. T. Tiekink,	Poly[(μ_3 -3,5-dinitrobenzoato- $\kappa^3 O^1:O^1:O^3$)(μ_2 -hydroxido- $\kappa^2 O:O$)-copper(II)], <i>Acta Cryst.</i> E70 (2014) m112-m113.	2014
39.	R. Biswas, D. Brahman, B. Sinha,	Spectrophotometric and conductometric study of the complexation of N-salicylidene-2-aminophenol with Cu^{2+} in methanol + 1,4-dioxane binary solutions, <i>J. Serb. Chem. Soc.</i> 79 1263-1277.	2014
40.	D. Brahman, B. Sinha,	Synthesis, characterization and antibacterial activities of Zn(II) and Cd(II) complexes of a 3-amino-2-phenylquinazolin-4(3H)-one Schiff base, <i>J. Serb. Chem. Soc.</i> 79(12) 1505-1513.	2014
41.	S. Saha, D. Brahman, B. Sinha,	Cu(II) complexes of an ionic liquid-based Schiff base [1-{2-(2-hydroxy benzylidene amino) ethyl}-3-methylimidazolium]PF6: Synthesis, characterization and biological activities <i>J. Serb. Chem. Soc.</i> 80 (1) 35-43.	2015
42.	K. Acharjee, D. K. Sangma, D. K. Mishra,	Effect of some Schiff base ligands and their Zn (II) complexes on germination and seedling growth of	2015

	P. Deb and B. Sinha,	papaya (<i>Carica papaya</i> L.) <i>Indian Journal of Advances in Chemical Science</i> 3(2) 141-146.	
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12. Research Projects (Major & Minor):

Major Research Project		
Title of the Scheme / Project	Sanctioned Authority	
Prof. S. K. Saha		
Physicochemical Studies on Viscoelastic worm-like micelles (Ongoing)	SERB, DST	
Prof. B. Basu		
Preparation, Characterization and Catalytic Applications of Bimetallic Nanoparticles soaked on Poly-ionic Resins November 2011 to October 2014	SERB, DST	
Preparation, Characterization of Bimetallic Nanoparticles soaked on Poly-ionic Resins and Studies on Catalytic Applications April 2011 to April 2016	CSIR	
Solid-phase Synthesis of Libraries of Heterocyclic Molecules and further Functionalization by Cross-coupling Reactions October 2011 to September 2016	UGC	
Development of Organic Reaction Methodology: Applications of Polymer-Supported Reagents, Ionic Liquids and Focused Microwaves” August 2014 to August 2016	UGC	
Prof. M. N. Roy		

Solution Properties of Bio-active Solutes and Lithium Salts in Some Industrial Solvents,	UGC, New Delhi	
Synthetic Organic & Coordination Chemistry and Physicochemical Studies on IONS	UGC, New Delhi	
Dr. P. Bandyopadhyay		
Ongoing	SERB, DST & UGC	
Dr. P. Ghosh		
Ongoing		
Dr. A. K. Panda		
Physico-chemical Studies on Surfactant Aggregates and Synthesis of Nanoparticles (Completed)	CSIR	
Interfacial, Kinetic and Mechanistic Studies on Dendrimer Liposome Interaction (Completed on January 31, 2015)	CSIR	
Physicochemical Studies on Nanostructure Lipid Carriers (To be completed on August 14, 2015)	SERB, DST	
Physicochemical Studies on Bacterial/Other Membraneous Interfaces in an Attempt to Develop Improvised Antimicrobial Drug Carrier Systems (To be completed on June 23, 2017)	DBT	
Controlled Synthesis and Characterization of Nanoparticles of Zn-salts using Microemulsion Incorporated with Anion Species	DST, Govt. of India and MOST, Govt. of Thailand	

Characterization and applications of biomimetic vesicular structures assembled from mixed cationic/anionic surfactant systems	Global Innovation and Technology Alliance/Confederation of Indian Industries, New Delhi, India And National Science Council, Taiwan	
Dr. A. Misra		
One (CSIR project) in the halfway and another (DST Project) is about to begin	CSIR & DST SERB	
Dr. S. Das		
SAP DRS II		
Synthetic Organic & Coordination Chemistry and Physicochemical Studies on ions	UGC	
Minor Research Project		
Title of the Scheme Project	Sanctioned Authority	
Dr. S. Das		
“Synthesis of palladium-N-heterocyclic carbene complexes and their application in organic transformations”	UGC, New Delhi.	
“Microemulsion as microreactor in organic transformations”	UGC, New Delhi.	
“Development of quinolone based newer antibiotics”	UGC, New Delhi	

13. Visiting Fellow:

Name of the Visiting Fellow	Duration	
Prof. Dulal Ch. Ghosh, Ex-Professor of Chemistry, Department of Chemistry, University of Kalyani Corresponding address: A/51 – Survey Park, Santoshpur, Kolkata – 700075.	10 Days	
Dr. Sanjib Bagchi, Dept. of Chemical Sciences, Indian Institute of Science Educational & Research, Kolkata Mohanpur Campus, P.O. BCKV Campus Main Office, Mohanpur – 741 252, Nadia.	10 Days	

14. Any other information.

(i) Prof. S. K. Saha:

Received Outstanding Contribution in Reviewing award for the year 2015 by The Journal of Colloids and Surfaces A: Physico-Chemical and Engineering Aspects, Elsevier, Amsterdam, The Netherlands.

(ii) Prof. B. Basu

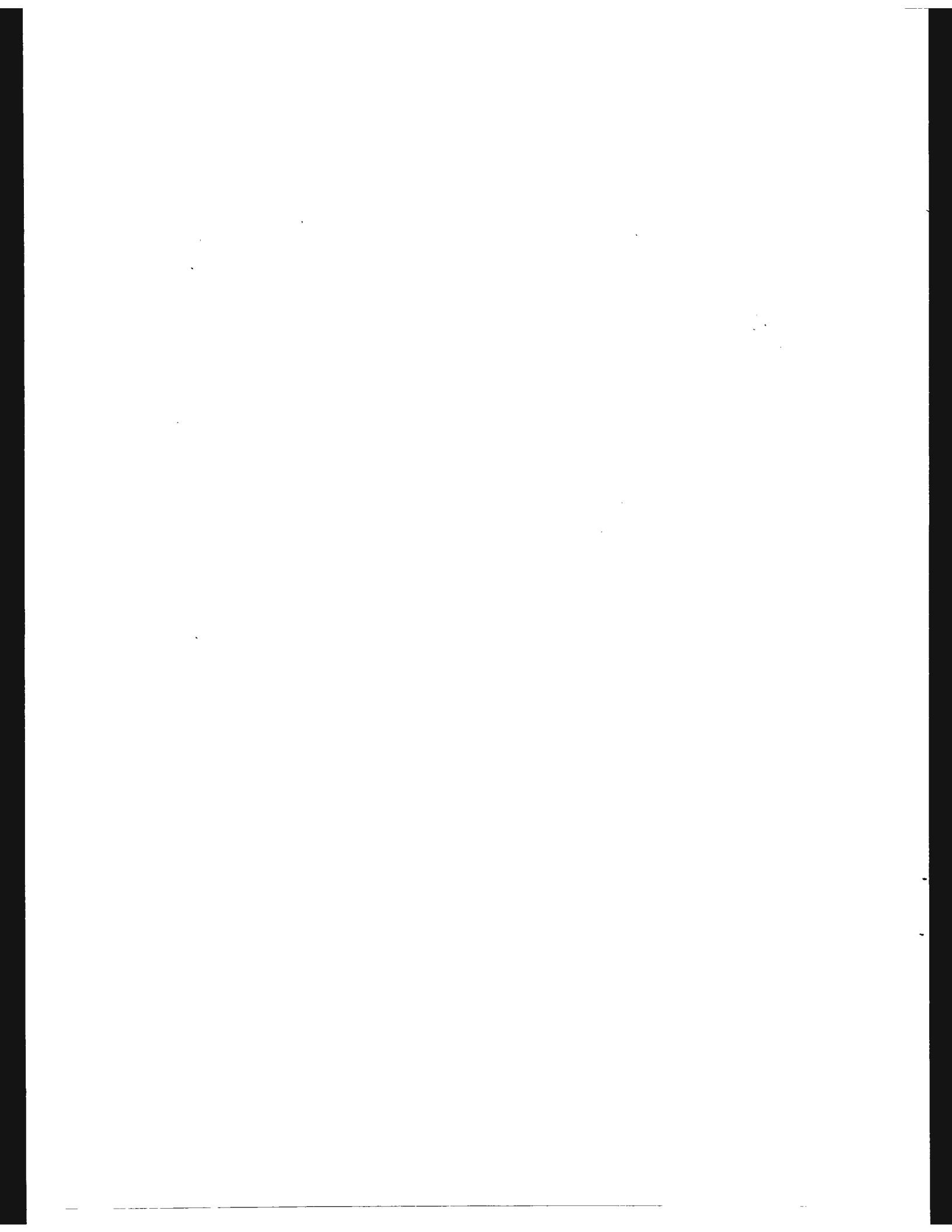
- Visiting Professor, September 2015: Umeå University, Umeå, Sweden (planned)
- Visiting Professor, October 2014: Fudan University, Shanghai, China

(iii) Dr. A. K. Panda:

- Bronze Medal 2015, Chemical Research Society of India.

(iv) Dr. Sajal Das:

Dr. Sajal Das was awarded “Roman Post Doctoral Fellowship” by UGC, New Delhi and presently in USA on study leave



Computer Science and Application

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

2. **Date of Establishment:** 1983

3. **Introduction of the department:**

The Dept. of Computer Science and Application is one of the oldest departments in the state running courses in the field of Computer Science and Application. The department is currently running two PG courses i.e. MCA and M.Sc(CS).

4. **Name of the faculty**

Professor	reader	Asst. Professor
1. Dr. R. K. Samanta	NA	NA
2. Dr. N. R. Manna		1. Dr. S. Das
3. Dr. S.C. Pal		2. Dr. S. Sinha
		3. Mr. A. Mandal
		4. Mr. R. K. Mandal
		5. Dr. D. Roychowdhury
		6. Mr. A. Roy

5. **Name of the research Scholars**

- i. A Roy
- ii. Joyanta Dutta
- iii. Avijit Dutta
- iv. Jayanta Loha
- v. Dipanjan Bhowmik
- vi. PhilipLepcha
- vii. Dipanjan Moitra
- viii. Amit GhoshRoy

6. Name of project Scholars: NA

7. Name of Non Teaching Staff:

NAME	Designation
i. Dr. A.K. Saha	Supdt(Tech)
ii. Mr. B. Paul	Supdt(Tech)
iii. Mr. U. Ghosh	Program assistant
iv. Dr. A. Das	Sr. tech. asst.

8. Students Strength

MCA

Students	Male	Female	Total
Part I 1 st sem	23	5	28
2 nd Sem	23	5	28
Part II 1 st sem	17	10	27
2 nd Sem	17	10	27
Part III 1 st sem	14	10	24
2 nd Sem	14	10	24

M.Sc.(Computer Science)

Students	Male	Female	Total
Part I 1 st Sem	4	3	7
2 nd sem	4	3	7

Part II	1 st sem	8	0	8
	2 nd Sem	8	0	8

9. Seminar/ Conference attended (Outside the country and within the country):

Name of the teacher	Name of the seminar/ conference	Venue & date	Title of the paper presented
R. K. Mandal	National Conference on Computational Technologies-2015 (NCCT'15)	Dept. of Computer Sc. and Application, Univ. of North Bengal	A Review Work on Pattern Segmentation based ANN Methods to Recognize English Alphabets
R. K. Mandal and Ardhendu Mandal	National Conference on Computational Technologies-2015 (NCCT'15)	Dept. of Computer Sc. and Application, Univ. of North Bengal	Stegnography based on Image Border Manipulation Technique (IBMT)
R. K. Mandal	National Conference on Computational Technologies-2015 (NCCT'15)	Dept. of Computer Sc. and Application, Univ. of North Bengal	An Approach Towards Setting up of a Private Cloud
R. K. Mandal	National Conference on Computational Technologies-2015 (NCCT'15)	Dept. of Computer Sc. and Application, Univ. of North Bengal	A Step towards Establishing a Small Private Cloud using Ubuntu
R. K. Mandal	National Conference on Computational Technologies-2015 (NCCT'15)	Dept. of Computer Sc. and Application, Univ. of North Bengal	Bottlenecks of using Cloud Computing Infrastructure in Library Science

10. Organized seminar/ conferences:

Name of the seminar/ conference	Date of the seminar/ conference	
National Conference	20 th February, 2015	

11. Publication:

Name of the author	Name of the Book/ journal/ volume	Year of publication
Ardhendu Mandal and S. C. Pal	International Journal of Computer Sciences and Engineering (IJCSE)	2015
Subhro Sarkar, Ardhendu Mandal	International Journal of Computer Sciences and Engineering (IJCSE)	2015
Debasmita Saha, Ardhendu Mandal and S. C. Pal	International Journal of Computer Sciences and Engineering (IJCSE)	2015
Soumendra Nath Lahiri, Supratim Dawn, Rakesh Kumar Mandal, and Ardhendu Mandal	Proc. of the National Conference on Computational Technologies-2015 (NCCT'15)	2015
Sourav Bhattacharjee, Dilip Roy Chowdhury	Proc. of the National Conference on Computational Technologies-2015 (NCCT'15)	2015
Subhajit Bose, Dilip Roy Chowdhury	Proc. of the National Conference on Computational Technologies-2015	2015

	(NCCT15)	
Dipanjana Bhowmik ¹ , Avijit Datta, Sharad Sinha	International Journal of Computer Sciences and Engineering (IJCSE)	2015
Dipanjana Moitra and R. K. Samanta	International Journal of Computer Sciences and Engineering (IJCSE)	2015
Rajesh Misir, Malay Mitra and R. K. Samanta	International Journal of Computer Sciences and Engineering (IJCSE)	2015
Malay Mitra and R. K. Samanta	Proc. of the 3rd Int. Conf. on Front. of Intell. Comput. (FICTA)	2015
Rakesh Kumar Mandal and N R Manna	International Journal of Computer Sciences and Engineering (IJCSE)	2015
Rakesh Kumar Mandal and N R Manna	International Journal of Computer Sciences and Engineering (IJCSE)	2015

12. Research projects (major & minor)

Major		
Title of the scheme 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" under XII Plan UGC Assistance under Innovative	UGC	

Research Activities Scheme		
Minor		
Title of the scheme project	Sanctioned authority	
NIL		

13. Visiting fellow:

Name of the visiting fellow	Duration
NIL	

14. Any other Information-Award Received

Name of the Award Recipient	Name of the Award	Organization from Which Award Received
Rakesh Kumar Mandal	Active Participation Young Member	Computer Society of India (CSI)
Rakesh Kumar Mandal	Innovation Award: Honorary Mention	Computer Society of India (CSI)
Ardhendu Mandal	Significant Contribution Award-2014-15	Computer Society of India (CSI)

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 Faculty:

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

5. Name of Research Scholars:
 - i. Chiranjib Sarkar
 - ii. Chandana Singha
 - iii. Rituparna Das
 - iv. Dorjee Tshering Bhutia
 - v. Pronab Kr. Mandal
 - vi. Pompei Sarkar
 - vii. Nanigopal Kapasia

6. Name of the Project Scholars:

7. Name of the Non Teaching Staff:

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

8. Students strength

Students	Semester	Male	Female	Total
Part I	First Semester	41	29	70
	Second Semester	41	29	70
Part II	Third Semester	34	23	57
	Fourth Semester	34	23	57

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. Subir Sarkar	UGC sponsored National Seminar on Application of Geospatial Technology for Sustainable Development	Department of Geography & Applied Geography, NBU, February 13-14, 2015	Flush flood and related problems in sub- Himalayan eastern Duars of Alipurduar district, West Bengal
Dr. Sushma Rohatgi	UGC sponsored National Seminar on Application of Geospatial Technology for Sustainable Development	Department of Geography & Applied Geography, NBU, February 13-14, 2015	Extraction Of Linear Cultural Features From Digital Satellite Data Using Filtering Method
Dr. Suman Sao	<p>1. 35th Indian Geographers Meet & International Conference</p> <p>2. Annual Meet of Association of American Geographers</p> <p>3. International Seminar on Environmental Perspective & Resource Management</p> <p>4. DGSI Internal Geography Conference in "Tourism, Environment & Development"</p> <p>5. 36th Indian Geography Congress</p> <p>6. International Conference on 'Changes in cryosphere its impact on ecosystem services and rural livelihoods: Understanding local adaptations in the Himalayas'</p> <p>7. National Seminar on 'Sustainability and inclusiveness: India's Development Trajectory'</p>	<p>1. Dept. of Geography, University of Burdwan, 11-13 Nov, 2013</p> <p>2. Tampa, Florida, USA, April 8-12, 2014</p> <p>3. Dept of Geography, Calcutta University, 19-20 Dec, 2014</p> <p>4. Dept. of Geog. Magadh University, 26-28 Feb. 2015</p> <p>5. Dept of Geog. University of Rajasthan, 17-19, Nov, 2014</p> <p>6. Bhadarwah Campus, University of Jammu, 13-14 Oct, 2014</p> <p>7. Dept. of Ap. Geography, Ravenshaw University, 8-9</p>	

	8. UGC sponsored National Seminar on Application of Geospatial Technology for Sustainable Development	Nov, 2014 8. Department of Geography & Applied Geography, NBU, February 13-14, 2015	Identification of urban facilities and land use using Remote Sensing and GIS Techniques
Dr. D.K.Mandal	UGC Sponsored National Seminar on "Population, Urbanisation and Changing State of Environment". Acted as Resource Person and delivered Special Lecture 27 th Annual Conference of the IGI and National cum international Seminar on "Geomorphology and Geospatial Technology in Environment Management and societal development." UGC sponsored National Seminar on Application of Geospatial Technology for Sustainable Development 22 nd West Bengal State Science & Technology Congress-2015, Paper presented entitled " National Seminar on "Women in 21 st Century: Livelihood, Environment and Sustainability"	September, 11-12, 2014, Birpara College Nov. 14-17, 2014 Vidyasagar University, Medinipur Department of Geography & Applied Geography, NBU, February 13-14, 2015 February 28-Mar. 01, 2015 NBU, Siliguri Centre for Women's Studies, NBU, Mar. 27-28, 2015	Urbanisation Process and its associated problems in India Identification of Geomorphic features by using Geospatial Technology in Doon Valley, India Applications of Aerial Photographs and GIS for Sustainable Development Impact of human interference on natural system". Role of women to control child labour
Dr. Indira Lepcha (nee) Lama	UGC sponsored National Seminar on Application of Geospatial Technology for Sustainable Development	Department of Geography & Applied Geography, NBU, February 13-14, 2015	Multi hazard risk assessment of urban areas using Geospatial Technology
Dr. Ranjan Roy	UGC sponsored National Seminar on Application of Geospatial Technology for	Department of Geography & Applied Geography,	1. Land use/ land cover mapping using GIS techniques: A case study of Matigara Block,

	<p>Sustainable Development</p> <p>Invited Lectures on UGC Sponsored National Seminar on Population, Urbanisation and Changing State of Environment</p> <p>36th Indian Geography Congress, Name of The Seminar urban Systems, Rural Livelihoods Security and Resource Management, by India Association of Geographers, India (NAGI)</p> <p>22nd West Bengal Science and Technology Congress</p>	<p>NBU, February 13-14, 2015</p> <p>Birpara College, Birpara, Jalpaiguri, West Bengal during 11-12 September, 2014</p> <p>Department of Geography, University of Rajasthan, Jaipur, 17-19th November, 2014</p> <p>University of North Bengal, 28.2.2015-01.03.2015</p>	<p>Darjeeling District</p> <p>2. Urban slums: A case study of Mathabhaga Municipality in Koch Bihar District, West Bengal using GIS techniques</p> <p>3. A study on connectivity and accessibility of periodic markets in Uttar Dinajpur District</p> <p>Growth of Population in West Bengal with special reference to 2011 Census: Some Basic Issues</p> <p>Impact of Environment on Rural Livelihood Pattern: A Case Study of Darjiling District, WB</p> <p>Role of Remote Sensing in Research Methodology</p> <p>Model Presentation on Global Warming and its impact on environment</p>
Dr. Sudip Kr. Bhattacharya	<p>1.36th Indian Geography Congress, Jaipur, of National Association of Geographers, India (NAGI) on Urban system, Rural livelihoods security and resource management from November, 17-19, 2014.</p> <p>2. UGC sponsored National Seminar on Application of Geospatial Technology for Sustainable Development</p>	<p>Department of Geography, University of Rajasthan, Jaipur</p> <p>Department of Geography & Applied Geography, NBU, February 13-14, 2015</p>	<p>Impact of human induced factors in the landslide susceptibility zonation in the Darjeeling hills, West Bengal</p> <p>Role of human interferences in the landslide susceptibility zonation of the Darjeeling hills, West Bengal</p>

Dr. Snehasish Saha	UGC sponsored National Seminar on Application of Geospatial Technology for Sustainable Development	Department of Geography & Applied Geography, NBU, February 13-14, 2015	Morphometric analysis by using GIS environment: a case of Karala river basin, Jalpaiguri
	UGC Sponsored National Seminar on Population, Urbanisation and Changing State of Environment	Birpara College, Birpara, Jalpaiguri, West Bengal during 11-12 September, 2014	
Mr. Arindam Basak	UGC sponsored National Seminar on Application of Geospatial Technology for Sustainable Development	Department of Geography & Applied Geography, NBU, February 13-14, 2015	Application of GIS in various fields of planning
	UGC Sponsored National Seminar on Population, Urbanisation and Changing State of Environment	Birpara College, Birpara, Jalpaiguri, West Bengal during 11-12 September, 2014	

9. Organized Seminar/Conference

Name of the Seminar/Conference	Date of the Seminar/Conference
UGC sponsored National Seminar on Application of Geospatial Technology for Sustainable Development	Department of Geography & Applied Geography, NBU, February 13-14, 2015

10. Publication

Name of the Author	Name of the Book/Journal/Volume	Year of Publication
Prof. Subir Sarkar	1. Human role in shaping the hydromorphology of Himalayan rivers: study of the Tista River in Darjeeling Himalaya; (Jointly with Łukasz Wiejaczka & Anna Bucala) Current Science, Vol. 106, No. 5; March, 2014; p. 717-724.	2014-2015
	2. The Sikkim-Darjeeling Himalaya: Landforms, Evolutionary History and Present-Day Processes (Jointly with Leszek Starkel) in V. S. Kale (ed.), Landscapes and Landforms of India, World Geomorphological Landscapes, Springer Science +Business Media Dordrecht 2014, p. 157-164.	
Dr. Sushma Rohatgi	1. Vulnerability assessment of Tea Gardens of Jalpaiguri district using RS & GIS techniques; Proceedings of International Seminar on Environmental Perspective & Resource Management, organized by Institute of Landscape, Ecology & Ekistics, Kolkata, ISBN: 978-81-928047-4-3, pp. 55-60.	

Dr. Deepak Kumar Mandal	<ol style="list-style-type: none"> 1. Bed Material Extraction and its effects on the forms and processes of the Lower Balason river in the Darjeeling Himalayas, India, <i>Geographia Polonica</i>, Vol 88, Institute of Geography and Spatial Organization, Polish Academy of Sciences, ISSN: 0016-7282 (print) 2300-7362 (online). 2. Temporal variability of Hydrological Characteristics in the Lower Balason River, Darjeeling District, West Bengal, India, (with L. Tamang) <i>Indian Journal of Spatial Science</i>, Kolkata, Vol. 5.0, No. 2, Winter issue, pp. 21-32 (www.indianssss.org), EISSN: 2249-4316, ISSN: 2249-3921 3. Urbanisation Process and its associated problems in India, in <i>Population, Urbanisation and Changing State of Environment</i>, Edi. By Nuruzzaman Kasemi and Tarun Das, NSPS, Jalpaiguri, pp. 28-39, ISBN 978-93-84671-04-4 	
Dr. Ranjan Roy	<ol style="list-style-type: none"> 1. Labour Migration from Rural Areas: A Case Study of Sitalkuchi Block of Koch Bihar District In West Bengal "<i>Population, Urbanisation and Changing State of Environment</i>" Birpara College, Birpara, Jalpaiguri 2. Disparities in the level of Socio-economic Development in Darjeeling District, West Bengal: An Analysis (<i>Journal of Geo-Environment Observer</i>, Volume 3 No. 2 October 2014, ISSN 2277-6141 	

12. Research Projects (Major & Minor)

Title of the Scheme Project	Sanctioned Authority
All Faculty Members	
1. Child Labour survey in Jalpaiguri district	NCLP, Jalpaiguri

13. Visiting Fellow:

Name of the Visiting Fellow	Duration
Prof. P. Nandi, Viswabharati	

14. Any other information: Nil

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 children, 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. 9, 70,000/- from **NBHM (National Board for Higher Mathematics)** for the Departmental Library in 2014 – 2015.

4. (a) Name of the Faculty:

<i>Professor</i>	<i>Associate Professor</i>	<i>Assistant Professor</i>
Prof. M.K. Bose	-	Dr. M. Singha
Prof. K.K. Nandi	-	Dr. D. C. Pramanik
Prof. D.P. Datta	-	Dr. Pradip Majhi
Prof. S. De Sarkar	-	Ms. Nita Tamang

5. Name of the Research Scholars: Amarjit Tamang
6. Name of the Project Scholars: NIL
7. Name of the Non-Teaching Staff: i) Smt. Sonali Sarkar, Jr. Assistant (Casual)
ii) Smt. Rahena Banu, Jr. Peon
8. Students Strength:

<i>Students</i>	<i>Male</i>	<i>Female</i>	<i>Total (2014 – 2015)</i>
Part I, 1 st Sem	34	14	48
2 nd Sem	31	18	49
Part II, 3 rd Sem	30	18	47
4 th Sem	31	18	49

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>
Mr. M. Singha			
	International Conference on Current Developments in Mathematics and Mathematical Sciences	Calcutta Mathematical Society, December 19-21, 2014.	Topological warm-up of k -metric spaces and some fixed point theorems,
	National Seminar on "Mathematics in Everyday Life" (UGC sponsored),	Pramathesh Barua College, Gauripur, Dhubri, Assam, September 20-21, 2014.	Mathematics in Everyday Life,
Mr. Pradip Majhi			
	Participated UGC-sponsored 19th Orientation Programme	Academic Staff College, University of North Bengal during 23.07.2014-19 th August, 2014.	

	Participated in Instructional School for Lecturers on "Differential Geometry (ISL-Differential geometry)" organized by National centre Mathematics (A joint centre of TIFR and IIT Bombay)	Department of Mathematics And Statistics, Banasthali Vidyapith , Rajasthan during 08-20, Dec, 2014.	
	"International conference on frontier in Mathematics-2015"	March 26-28, 2015 at Department of Mathematics, Gauhati University, Assam, India.	Presented paper entitled "classification of generalized Sasakian space-forms satisfying certain curvature conditions"

10. Organized Seminar/ Conferences:

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

11. Publication:

Name of the Author	Name of the Book/ Journal Volume	Year of Publication
➤ Prof. M.K. Bose		
A.Roy Chowdhury,Ajoy Mukharjee and M.K. Bose	Hyperconnectedness and eternal disconnected in (a) topological spaces, Hacettepe Journal of Mathematics and Statistics, 44(2) (2015)289 – 294.	2015
➤ Prof. K.K. Nandi		
Kamal K. Nandi et al.,	Constraint on dark matter central density in the Eddington inspired Born-Infeld (EiBI) gravity with input from Weyl gravity (Accepted for publication in Modern Physics Letters A, 2014)	2014
Ramil Izmailov, A.A. Potapov, A.I. Filippov, Mithun Ghosh and K.K. Nandi:	Upper Limit On The Central Density Of Dark Matter In The Eddington Inspired Born-Infeld (EiBI) Gravity Mod. Phys. Lett. A 30, 1550056 (2015)	2015
➤ Dr. D.P. Datta		

Dr. D.P. Datta	Comparative Study of homotopy analysis and renormaligatics group methods on Rayleigh and Vander Pol equations: Diff. Eqn. Dyn. Sys. (Co-author: A. Palit) (2015) to appear.	2015
Dr. D.P. Datta	Novel Scale invariance and emergence of complexity:applications to Cosmology, Pramana, J.Phys. (2015) (under revision) .	2015
➤ Dr. S. De Sarkar		
N. Tamang, M. Singha and S. De Sarkar,	Composition of fuzzy sequential operators with special emphasis on FS-connectors, Palestine Journal of Mathematics, 4 (1) (2015), 37-43.	2015
➤ Mr. M. Singha		
N. Tamang, M. Singha and S. De Sarkar,	Composition of fuzzy sequential operators with special emphasis on FS-connectors, Palestine Journal of Mathematics, 4 (1) (2015), 37-43.	2015
➤ Mr. D. C. Pramanik		
S.K. Datta and D.C. Pramanik:	Deductions on slowly changing functions oriented bounds for the zeros of entire functions, International Journal of Mathematics And Its Applications (IJMAA), Vol. 2, No. 1(2014), pp. 23 – 41. (ISSN: 2347 – 1557(online).	2014
➤ Mr. Pradip Majhi		
Majhi, P., and De, U. C.	Classifications of $N(k)$ -contact metric manifolds satisfying certain curvature conditions, to be appear in Acta Math. Univ. Commeniana , 2015.	2015
De, U. C. and Majhi, P.,	On invariant submanifolds of Kenmotsu manifolds, Published In Journal of Geometry , 106(2015), 109-122.(Indexed)	2015
De, U. C. and Majhi, P.,	φ -symmetric Generalized Sasakian space forms, Published in Arab Journal of Mathematical Sciences,Elsevier , 10.1016/j.ajmsc.2015.01.002.(SCI Journal)	2015
➤ Ms. Nita Tamang		
N. Tamang, M. Singha and S. De Sarkar,	Composition of fuzzy sequential operators with special emphasis on FS-connectors, Palestine Journal of Mathematics, 4 (1) (2015), 37-43.	2015

12. Visiting Fellow:

<i>Name of the Visiting Fellow</i>	<i>Duration</i>	

13. Any other information:

Prof. K.K. Nandi has received the following international awards

- Best Scientist Award from Bashkir State Pedagogical University, Ufa, Russia (2014)
- Accredited Referee of Classical & Quantum Gravity (IOP publishing, Bristol, UK).

Ph. D. Awarded:

- **Sri Rupesh Tiwari** was awarded the degree of Ph. D. for his thesis entitled "**CERTAIN INVESTIGATIONS ON A SET EQUIPPED WITH AN INCREASING SEQUENCE OF TOPOLOGIES**" on 08.08.2014. He worked under the supervision of Prof. M.K. Bose.
 - **Sri Manoranjan Singha** was awarded the degree of Ph. D. for his thesis entitled "**ON DIFFERENT TOPOLOGY - LIKE STRUCTURES**" on 28.11.2014. He worked under the supervision of Prof. S. De Sarkar.
 - **Sri Ajoy Mukharjee** was awarded the degree of Ph. D. for his thesis entitled "**CERTAIN INVESTIGATIONS ON BITOPOLOGICAL SPACES**" on 28.11.2014. He worked under the supervision of Prof. M.K. Bose.
 - **Sri Apurva Kr. Sarkar** was awarded the degree of Ph. D. for his thesis entitled "**POLARIZED RADIATIVE TRANSFER IN ATMOSPHERE OCEAN SYSTEM**" on 24.02.2015. He worked under the supervision of Dr. G.K. Biswas and Co-supervision of Prof. S.B. Karanjai
- The students of the Department organized **Blood Donation Camp** on **15th May, 2014** (contribution- **136** units) in the Department.
 - **Regional Mathematical Olympiad (RMO)'14 Test** was held on **07.12.2014** 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 Department was selected as a new centre for **Madhava Mathematics Competition 2015 (MMC- 2015)**. **The Test was held on 4th January, 2015** 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).
 - Refreshers courses organized during this period: **01** (from: **03.03.2015 to 23.03.2015**).

- **West Bengal State Science & Technology Congress (WBSSTC – 2015)** in the section Mathematics, Computer Science & Application, Information Technology was held in the Department during **28th February – 1st March, 2015.**

Date:

(Prof. S. De Sarkar)

1.	Name of the Department: Microbiology			
2.	Date of Establishment: 2005			
3.	Introduction of the department:			
4.	Name of the Faculty : Dr Arindam Bhattacharjee (Assistant Professor)			
	Assistant Professor (contractual)			
	1. Ms Sarita Kumari			
	2. Ms Payel Sarkar			
	3. Mr Shyama Prasad Saha			
5.	Name of the Research Scholars: Swarnab Sengupta, Upasana Chhetri, Aditi Rai, Nitya Rai			
6.	Name of the Project Scholars: NIL			
7.	Name Of the Non –Teaching staff: Mrs. Madhumita Ghosh, Mr. Satya Ranjan Das, Mr. Sudipta Das (Contractual), Mr. Subir Sarkar (Casual)			
8.	Student strength: Part-1 : Admission going on		Part-2: 15	
9.	Seminar/Conference attended (outside the country & within country)			
	Name of the teacher	Name of the Seminar/Conference	Venue & Date	Title of Paper
	Dr Arindam Bhattacharjee	22 nd West Bengal State Science & Technology Congress	28 th Feb & 1 st March, University of North Bengal	•
	Ms Sarita Kumari	22 nd West Bengal State Science & Technology Congress	28 th Feb & 1 st March 2015, University of North Bengal	
		National Seminar on Advances in Plant and Microbial Research	Dec 12-14, 2014, Dept. of Botany, NBU	Prevalence and characterization of <i>Bacillus cereus</i> in marketed dairy products of Darjeeling, India.
	Ms Payel Sarkar	22 nd West Bengal State Science & Technology Congress	28 th Feb & 1 st March 2015, University of North Bengal	
	Mr Shyama Prasad Saha	22 nd West Bengal State Science & Technology Congress	28 th Feb & 1 st March 2015, University of North Bengal	Application of wheat bran as potential agroresidue for enhanced production of xylanase and xylitol by statistical experimental design.

10. Organized Seminars/Conferences			
Name Of the Seminar/Conference		Date of the Seminar	
Veterinary and Agriculture section 22 nd West Bengal State Science & Technology Congress		28 th Feb & 1 st March 2015, University of North Bengal	
11.	Publication:		
	Name of author	Name of Journal/book/volume	Year of publication
Ms. Sarita Kumari			
1.	Sharma A, Kumari S, Wongputtisin P, Nout MJR and Sarkar PK	Journal of Applied Microbiology, 119	2015
2.	Kumari S, Sarkar PK	Dairy Science Technology, 94	2014
Ms. Payel Sarkar			
1.	Sarkar P, Lepcha K and Ghosh S	Journal of microbiology, biotechnology and food sciences, 3	2015
12.	Research Projects (Major&Minor):		
Major Project			
Title of the scheme project		Sanctioned authority	
1. Characterizing the dynamics of protein nitration and denitration in microbes		Applied for in DST	
2. Cigarette smoke induced increased antibiotic resistance in <i>S.aureus</i>		Applied for in ICMR	
Minor Project			
Title of the scheme project		Sanctioned authority	
NIL			
13.	Visiting Fellow		
	Name of Visiting Fellow	Duration	
	Dr. Alok Kr. Sil, Associate prof. Dept. of Microbiology, CU	18 th – 20 th March, 2015	

Annual Report: 2014 – '15
Physics Department
North Bengal University
1st April 2014 to 31st March, 2015

1. **Name of the Department:** Physics
2. **Date of Establishment:** 01 November 1962 (Classes started)

3. **Introduction of the department:**

Physics is one of four departments with which North Bengal University started its journey in the year 1962. Since inception the department has been known for its dedication towards maintaining quality both in teaching and research. In the year 2003 the department has received financial support under the FIST programme of the DST, Govt. of India. The department has so far organized three refresher courses, one by itself and two jointly in collaboration with the Chemistry and the Mathematics Department of NBU. The department from time to time also organizes national and international level conferences, seminars, colloquium etc. There are active research groups in the field of (a) Liquid Crystal, (b) Cosmology, Astrophysics and Relativity, (c) High-energy Physics, and (d) Cosmic-ray Physics. The department offers both M.Sc. and Ph.D. courses. In the M.Sc. syllabus there are provisions for three different special papers namely, Condensed Matter Physics, Electronics and Nuclear and Particle Physics of which the students can choose one. The department also has one IUCAA Resource Centre and a Data Centre for Observational Astronomy. Several faculty members are involved in National / International Collaborations of scientific research.

4. **Name of the Faculty:**

Dr. Pradip Kumar Mandal – Professor
Dr. Amitabha Mukhopadhyay – Professor
Dr. Malay Kumar Das – Associate Professor
Dr. Bikash Chandra Paul – Associate Professor
Dr. Sripada Haldar – Assistant Professor
Dr. Suman Chattopadhyay – Assistant Professor
Dr. Rajat Kumar Dey – Assistant Professor
Mr. Provash Mali – Assistant Professor

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

1. Gautam Sarkar

2. Pragati Pradhan
3. Prjnamita Dasgupta
4. Debasish Sinha
5. Anamika Pramanik
6. Sudipta Sarkar
7. Sanchita Barman
8. Rumi Deb
9. Sanjib Kumar Manna
10. Kartick Chandra Dey
11. Somdatta Basak
12. Soumya Sarkar
13. Souvik Ganguly
14. Debarghya Goswami
15. Rakesh Kar
16. Asim Debnath
17. Somenath Ghosh
18. Soumya Sarkar
19. Rajat Biswas
20. Manabendra Roy

6. Name of the project scholars (as of today):

1. Anish Chakrabarty
2. Aparna Ghosh
3. Sushanta Chakrabarty

7. Name of the non-teaching staff:

- Mr. Sudip Saha – Sr. Office Assistant
Mr. Sankha Suvra Ray – Technical Assistant (Gr. I)
Mr. Subrata Hazra – Technical Assistant (Gr. II)
Mr. Rajesh Pradhan – Technical Assistant (Gr. II)
Mr. Ayub Ahmed – Technical Assistant (Gr. II)
Mr. Amitava Roy – Technical Assistant (Gr. II)
Mr. Tapas Sen – Jr. Laboratory Attendant (Gr. II)
Mr. Lubai Hansda – Sr. Peon
Mrs. Sarita Chhetri – Sr. Peon
Mrs. Ramkumari Yadav – Sr. Peon

8. Students Strength:

Students of		Male	Female	Total
Part I	I Semester			42
	II Semester			40
Part II	III Semester			42
	IV Semester			41

9. Seminar Conferences attended / Papers published in proceedings:

(Outside the country & within the country):

Name of the teacher	Name of the Seminar/ Conference	Venue and Date	Title of the paper presented
Mr. P. Mali	59th DAE Symposium on Nuclear Physics	Banaras Hindu University, Varanasi, 8-12 December 2014	Charge balance function in pp collision at $\sqrt{s} = 200$ GeV
			Elliptic flow in Au-Au collision at 20A GeV
Dr. M K Das	<i>21st National Conference on Liquid Crystals</i>	Department of Physics, VSSD College, Kanpur-208002, UP during November 10-12, 2014.	Invited Lecture: "Critical Behaviour of Optical Birefringence in the Vicinity of Smectic-A-Nematic Phase Transitions in Binary Liquid Crystal Mixtures"
	<i>21st National Conference on Liquid Crystals</i>	Department of Physics, VSSD College, Kanpur-208002, UP during November 10-12, 2014.	Chaired a session
	<i>21st National Conference on Liquid Crystals</i>	Department of Physics, VSSD College, Kanpur-208002, UP during November 10-12, 2014.	Critical Behavior at the Nematic to Isotropic and Smectic-A to Nematic Phase Transitions in Binary Liquid Crystal Mixtures having Rod-

			Like and Hockey Stick-Shaped Mesogens
	<i>Conference on Modern Trends in Materials Science - 2015</i>	Department of Physics, NBU, 5 th – 6 th February – 2015	Mesomorphic behavior in the nematic and smectic mesophases of a few liquid crystalline mixtures, <u>Susanta Chakraborty</u> and Malay Kumar Das
	<i>Conference on Modern Trends in Materials Science - 2015</i>	Department of Physics, NBU, 5 th – 6 th February – 2015	Critical behaviour at the Nematic-Isotropic and Nematic-Smectic A phase, Sudipta Kumar Sarkar and Malay Kumar Das
	<i>Conference on Modern Trends in Materials Science - 2015</i>	Department of Physics, NBU, 5 th – 6 th February – 2015	Fluoro-substituted Liquid Crystalline Materials in Photonic, Anamika Pramanik, M.K. Das, B. Das, R. Dąbrowski
	<i>Conference on Modern Trends in Materials Science - 2015</i>	Department of Physics, NBU, 5 th – 6 th February – 2015	Determination of Orientational Order Parameter of a Few Hockey Stick-Shaped Liquid Crystals from ¹³ C NMR Spectroscopy, Anish Chakraborty, Malay Kumar Das, Banani Das, Ratan Kumar Rai, Neeraj Sinha, and Wolfgang Weissflog
	<i>Conference on Modern Trends in Materials Science - 2015</i> (MTMS - 2015)	Department of Physics, NBU, 5 th – 6 th February – 2015	Effect Of Pretilt Angle On The Display Parameters Of Materials Used In LCD's, Prajnamita Dasgupta, M. K. Das and Banani Das

	22nd West Bengal State Science & Technology Congress	North Bengal University, 28 th February– 1 st March – 2015	NATURE OF PHASE TRANSITIONS IN LIQUID CRYSTALS, Sudipta Kumar Sarkar and Malay Kumar Das
	22nd West Bengal State Science & Technology Congress	28 th February and 1 st March, 2015 Organized by North Bengal University	<i>Recent Trends in Liquid Crystal Displays, Anamika Pramanik and Malay Kumar Das</i>
	22nd West Bengal State Science & Technology Congress	28 th February and 1 st March, 2015 Organized by North Bengal University	Effect of Nano Particle Doping on Liquid Crystal Medium, Susanta Chakraborty and Malay Kumar Das
	22nd West Bengal State Science & Technology Congress	28 th February and 1 st March, 2015 Organized by North Bengal University	The bent-core liquid crystals: A new class of smart materials, Anish Chakraborty and Malay Kumar Das
R.K. Dey	102 nd Indian Science Congress	28 th February and 1 st March, 2015 Organized by North Bengal University	
	International conference	Kalyani University, 8-9 January 2015, "INDIA 2015".	
	<i>Conference on Modern Trends in Materials Science - 2015 (MTMS - 2015)</i>	Department of Physics, NBU, 5 th – 6 th February – 2015	Effect of multi walled carbon nano tubes on display parameters of a room temp nematic, Manabindu Das, B. Sinha and R. K. Dey
Dr. S. Haldar	102 nd Indian	3-7 January, 2015,	

	Science Congress,	Mumbai University, Mumbai	
	2 nd International Conference, <i>Information Systems Design and Intelligent Applications</i> (INDIA) - 2015	January 8-9, 2015	
	<i>Conference on Modern Trends in Materials Science - 2015 (MTMS - 2015)</i>	Department of Physics, NBU, 5 th – 6 th February – 2015	Investigation on some fluorobenzene derivatives applying dielectric spectroscopy, birefringence and x- ray diffraction techniques, S. Dey Das, S. Halder and P.K. Mandal
	22 nd West Bengal State Science and Technology Congress 2015	North Bengal University, 28 th February– 1 st March – 2015	Dependence of physical properties on core structure, chain length and fluorination of some nematogenic fluorobenzene liquid crystals, S. Halder and P.K. Mandal
Dr. B. C. Paul	Celebrating Centenary Year of General Relativity, IAGRG Conference	Raman Research Institute (March 18-20, 2015)	
	22 nd West Bengal Science Congress	North Bengal University (Feb. 28- March 01, 2015)	
	Workshop on Quantum Gravity, Black Holes and Strings	KITPC, Beijing, China, 06/02 - 07/04, 2014	
	Workshop on Mathematical	Salesian College, Siliguri, August	

	Aspects of General Relativity	22, 2014)	
	International Conference on Matters of gravity and the Universe	CTP, JMI, New Delhi October 27-19, 2014	

10. Organized Seminar / Conferences:

Name of the Seminar / Conference	Date of the Seminar / Conference
1. Conference on Modern Trends in Materials Science (MTMS 2015)	5th – 6th February, 2015
2. 22 nd West Bengal Science Congress- Physical Science Chapter	Feb. 28- March 01, 2015

11. Publications:

	Name of the author(s)	Name of the Book / Journal / Volume with the Year of Publication
1.	Anish Chakraborty, Susanta Chakraborty, and Malay Kumar Das	Effect of hockey-stick-shaped molecules on the critical behavior at the nematic to isotropic and smectic- <i>A</i> to nematic phase transitions in octylcyanobiphenyl, PHYSICAL REVIEW E 91, 032503 (2015)
2.	Anamika Pramanik, Malay Kumar Das , Banani Das, Magdalena Żurowska and Roman Dąbrowski	Electro-optical properties of a new series of fluorinated antiferroelectric orthoconic liquid crystalline esters, Liquid Crystals , 2015 Vol. 42, No. 3, 412–421
3.	Pranab Ghosh, Mahua Upadhyay & Malay Kumar Das	Studies on the additive performance of liquid crystal blended polyacrylate in lubricating oil, Liquid Crystals , 41, 30-35,(2014)
4.	Prajnamita Dasgupta, Anamika Pramanik, Malay Kumar Das and Banani Das	Comparative study of the mesomorphic properties of several laterally fluorinated liquid crystalline materials, Liquid Crystals , (in press),2015
5.	Anamika Pramanik, Malay Kumar Das , Banani Das, Vera Hamplova, Miroslav Kaspar and Alexej Bubnov	Self-assembling properties of lactic acid derivative with several ester linkages in the molecular core, Phase Transitions , Published online on 09 th April, 2015. DOI:10.1080/01411594.2015.1025782

6.	P Dasgupta, M K Das and B Das	Fast switching negative dielectric anisotropic multicomponent mixtures for vertically aligned liquid crystal displays, Materials Research Express , 2 , 045015 (2015).
7.	Malay Kumar Das , Prajnamita Dasgupta, Banani Das and Sudipta Kumar Sarkar	Mesomorphic and structural properties of some liquid crystals possessing a bicyclohexane core, International Journal of Advanced Research (2015), Volume 3, Issue 3, 967-981
8.	P. Ghosh, M. Upadhyya and M. K. Das	Multifunctional Additive Performance of Liquid Crystal Blended Polydecylacrylate in Lubricating Oil, Petroleum Science and Technology , 32:19, 2312-2320 (2014).
9.	Sudipta Kumar Sarkar and Malay Kumar Das	Critical behavior of optical birefringence at the nematic–smectic A phase transition in a binary liquid crystal system, Journal of Molecular Liquids , 199, 415–418(2014)
10.	Sudipta Kumar Sarkar and Malay Kumar Das	Dielectric studies and critical behaviour in the vicinity of nematic–isotropic phase transition of a smectogenic binary mixture showing induced nematic phase, Liquid Crystals , 2014 Vol. 41, No. 10, 1410–1418,
11.	Akhileshwar Prasad and Malay Kumar Das	Determination of elastic constants of a binary system (7CPB+9.CN) showing nematic, induced smectic Ad and re-entrant nematic phases, Liquid Crystals , 41(9)1261–1268(2014).
12.	Sudipta Kumar Sarkar, Purna Chandra Barman and Malay Kumar Das	Optical birefringence and its critical behavior in the vicinity of nematic–smectic A phase transition in a binary mixture, PhysicaB , 446(2014), 80–84
13.	Sudipta Kumar Sarkar and Malay Kumar Das	Critical behaviour at the nematic–smectic A phase transition in a binary mixture showing induced nematic phase, RSC Adv. , 2014, 4, 19861
14.	Sripada Haldar, Pradip Kumar Mandal and Wolfgang Haase	Molecular Structure and Packing Analysis of Two Nematogenic Fluoro-Phenyl Compounds in the Crystalline Phase, <i>Information Systems Design and Intelligent Applications Proceedings of Second International Conference, INDIA 2015, Volume 2 January 8-9, 2015</i>).

15.	S. Dam and R. K. Dey	Advances in Intelligent Systems and Computing, 339, 1-9 (2015)
16.	B. C. Paul and A. S. Majumdar	Emergent Universe with Interacting fluids and Generalized Second Law of Thermodynamics, Classical and Quantum Gravity 32 (2015) 115001
17.	D. Panigrahi, B. C. Paul and S. Chatterjee	Constraining Modified Chaplygin Gas Parameters, Gravitation and Cosmology , 2015, Vol. 21 pp. 83–92.)
18.	Ujjal Debnath, Bikash Chandra Paul	Evolution of primordial black hole in $f(R)$ gravity with modified Chaplygin gas, Astrophys Space Sci (2015) 355:147–153
19.	Bikash Chandra Paul and Rumi Deb	Relativistic solutions of anisotropic compact objects, Astrophys Space Sci. (2014) 354: 421-430
20.	P. K. Chattopadhyay, R. Deb, B C Paul	Relativistic Charged Star Solutions in Higher Dimensions, International J. Theor. Physics. 53 (2014) 1666–1684
21.	B C Paul	Dark Matter and Dark Energy in the Universe, Bibechana 11 (2014) 8-16
22.	P. Mali, A. Mukhopadhyay	Multifractal characterization of gold market: A multifractal detrended fluctuation analysis, Physica A 413 (2014) 361–372.
23.	P. Mali, A. Mukhopadhyay	Long-range memory and multifractality in gold markets, Phys. Scr. 90 (2015) 035209 (13pp)
24.	P. Mali, A. Mukhopadhyay, S. Sarkar, G. Singh	Azimuthal structure of charged particle emission in $^{28}\text{Si}-\text{Ag}/\text{Br}$ interaction at 14.5A GeV and $^{32}\text{S}-\text{Ag}/\text{Br}$ interaction at 200A GeV, Int. J. Mod. Phys. E , Vol. 23, No. 5 (2014) 1450027 (18 pages)
25.	P. Mali, A. Mukhopadhyay, S. Sarkar, G. Singh	Azimuthal Correlation and Collective Behavior in Nucleus-Nucleus Collisions, Physics of Atomic Nuclei , Vol. 78, No. 2 (2015) pp. 258–267.
26.	P. Mali, A. Mukhopadhyay,	Charge balance function in pp collision at $\sqrt{s} =$

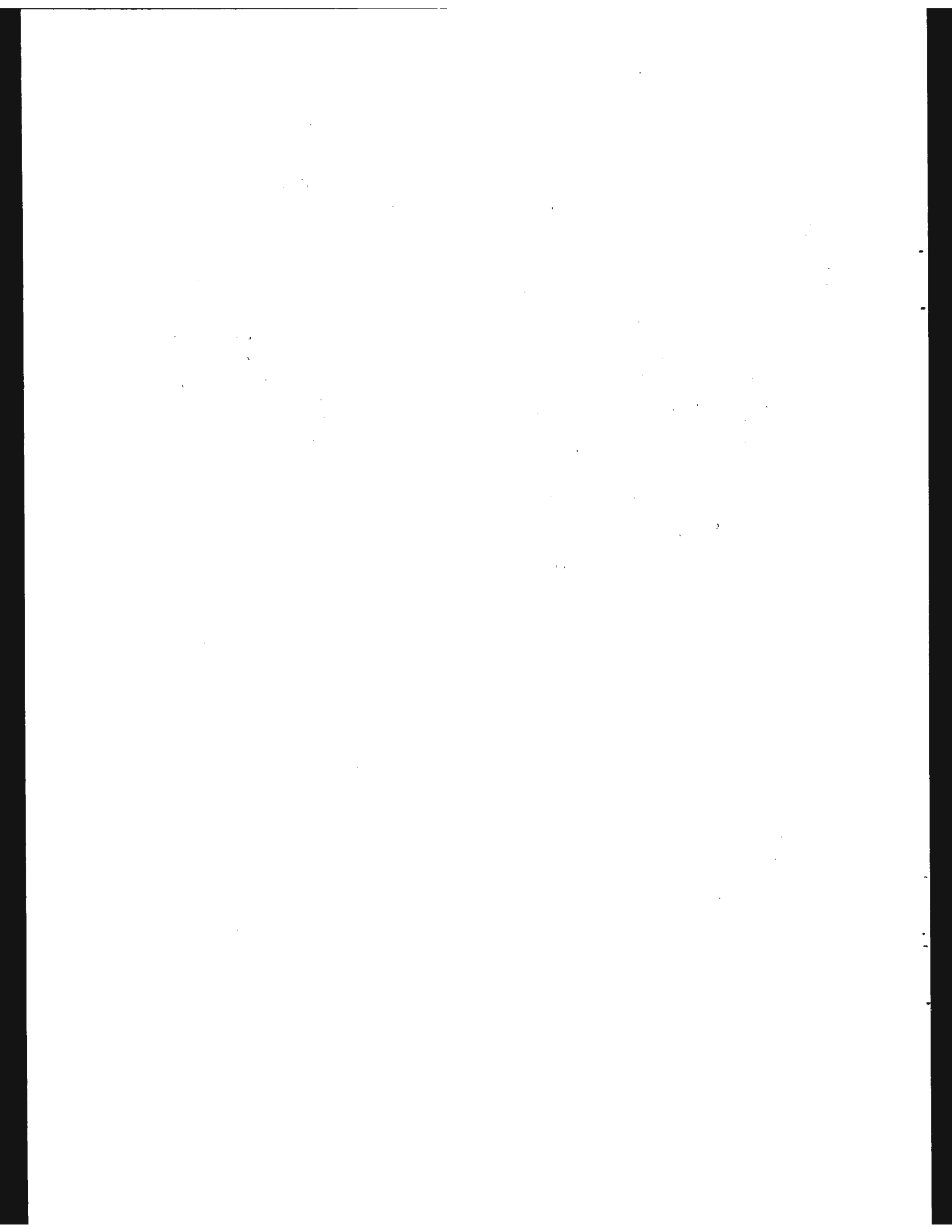
	S. Sarkar, and S. Ghosh	200 GeV, , Proceedings of the DAE Symp. on Nucl. Phys. 59 (2014).
27.	S. Sarkar, S. Ghosh, P. Mali and A. Mukhopadhyay	Elliptic flow in Au-Au collision at 20A GeV, Proceedings of the DAE Symp. on Nucl. Phys. 59 (2014).
28.	D. Sinha, P. K. Mandal & R. Dabrowski	High birefringence laterally fluorinated terphenyl isothiocyanates: structural, optical and dynamical properties, Physica B: Condensed Matter 441, 100-106(2014).
29.	D. Sinha, A. Debnath & P. K. Mandal	Hexatic and blue phases in a chiral liquid crystal: optical polarizing microscopy, synchrotron radiation and dielectric study, Mat. Res. Exp. , 1, 5101(2014)
30.	D. Sinha, P. K. Mandal & R. Dabrowski	Structural, optical and dynamical properties of a high birefringence laterally fluorinated terphenyl isothiocyanate, Phase Transitions , 88, 153-168 (2015).

12. Research Projects (Major and Minor):

Major Research Project		
Title of the Scheme / Project	Sanctioning Authority	Name of the Faculty Member
Experimental studies on the relationship between molecular structure and physical properties of bent-core mesogens having nematic and smectic phases	DST Grant (SB/EMEQ-290/2013 dated 11.10.2013): Rs. 53 lakhs	Dr. M. K. Das (PI)
Development of high-resolution optical detector for growth monitoring of bacteria in liquid culture	UGC XII Plan Innovative Research Activities Scheme Rs. 16 lakhs	Dr. M. K. Das (PI)
Cosmologies with Dark Matter, Dark Energy and the Modified Gravity	UGC Major Research Project (2013-2016)	Dr. B. C. Paul
3. Special grant (Travel plus cost of stay) for performing synchrotron beamline experiment at DESY, Hamburg, Germany in May, 2013 and in May, 2015 along with one research student.	DST	Prof. P. K. Mandal
4. Correlating Processing conditions and Biochemical Parameters with Quality of Withered Tea through Automatically Monitored Withering Trough	Tea Research Board Grant: Rs.1,16,75,200	Dr. S. Chatterjee

5. BRNS Research Project	ATC, BRNS, DAE Grant: 25 lakhs	Prof. P. K. Mandal
Minor Research Project		
Title of the Scheme / Project	Sanctioning Authority	Name of the Faculty Member
Study of some physical properties of liquid crystal compounds	NBU Sponsored project From 1 st April 2014-31 st March 2015	S. Haldar
Studies of the cosmic ray chemical composition and measurements	UGC	R. K. Dey
"In-medium effects on low mass vector mesons produced in heavy-ion collisions from SIS to FAIR energies	NBU Sponsored project	P. Mali

13. Visiting Fellow: Dr. Pranab Chowdhury, Central Glass and Ceramic Research Institute,
Jadavpur, Kol-32



DEPARTMENT OF TEA SCIENCE

1. Name of Department : Department of Tea Science
 2. Date of Establishment : 1995
 3. Introduction of the department : Annexure 'A'
 4. Name of the Faculty :
 Assistant Professor Reader Sr. Lecturer/Lecturer

Dr. Sayed Edward Kabir NIL NIL

5. Name of the Research Scholars : NIL
 6. Name of the Project Scholars : NIL
 7. Name of the Non-Teaching Staff :
 Name Designation

-
- 1) Mr. N.C.Nandi Field Instructor
 2) Mr. Mainak Mukherjee Soil Analyst
 3) Mr. Nripendranath Biswas Office Assistant
 4) Mr. Subhas Singha Peon
 5) Ms. Kalpana Subba Junior Peon

8. Students Strength :
 Students Male Female Total

M.Sc. in Tea Science (Fourth Sem)

4

1

5

Postgraduate Diploma in Tea
 Management (1st & 2nd Sem)

17

NIL

17

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

Name of the Teacher	Venue & Date	Title of the paper Presented
Dr. S.E.Kabir	Nagrakata 28 th March,2015	Improvement in Productivity of Tea by using Triacantanol. Presented in a seminar organized by West Bengal Pharmaceuticals and Phytochemical Development Corporation Limited (WBPPDCL)

10. Organized Seminar/conferences: Annexure 'B'

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

11. Publication: See Annexure 'B'

Name of the Author	Name of the Book	Year of Publication
Dr. S.E.Kabir and Dr. A.P.Das	Tea Cultivation in the Plains of North East India	2015

12. Research Projects (Major & Minor): Since this is a Self Financed Department and no Permanent faculty no Research is conducted here.

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

13. Visiting Fellow: See Annexure 'C'

14. Any other information – Awarded received – None

Annexure 'A'

DEPARTMENT OF TEA SCIENCE-UNIVERSITY OF NORTH BENGAL

A BRIEF RESUME

The Department of Tea started at North Bengal University in the year 1995. Prof. Nurul Hassan, Hon'ble Governor of West Bengal at that time was instrumental in starting the much needed Course in this University, which is situated on the heart of tea belt of Terai region. Initially a Course on Postgraduate Diploma in Tea Management was launched and later in the year 2012, M.Sc. in Tea Science, which is considered to be first of its kind in the world started to cater to the need of the tea industry in a better way.

The characteristic features of the presently run Courses are furnished below :

- 1) **M.Sc. in Tea Science:** It's a two-year Postgraduate Course divided into four semesters. Course fee (Non-refundable) is Rs 30,000 per semester. Science graduates with Honours in Physics, Chemistry, Botany, Zoology, Biochemistry, Microbiology and B.Sc. Agriculture students are eligible to apply for the Course. The students from other Universities require to attend a written test and viva-voce for admission to the Course. Reservation of seats for other Universities is 40%.

Number of Seats : 20 (Twenty) (General category - 11; Reserved for SC Category 22% - 5; Reserved for ST category 6% -2; Reserved for BPL/Antyodaya category 3%- 1; Reserved for Physically challenged category 3% - 1;)

The Course curriculum consists of the following aspects:

1st Semester : i) Tea Culture , Botany & Microbiology ii) Breeding of Tea iii) Biostatistics iv) Basic Principles of Physical Sciences & Instrumentation v) Computer Applications

2nd Semester : i) Tea Propagation and Nursery Management ii) Young Tea Management iii) Management of Mature Tea iv) Manufacturing & Packaging of Tea

3rd Semester : i) Tea Pests & their Management ii) Soil & Integrated Nutrient Management iii) Tea Industry Waste Management iv) Tea Chemistry & Pharmacology v) Sensory Evaluation & Quality Control of Tea

4th Semester : i) Legislation & Trade of Tea ii) Ethics & Intellectual Property Rights

Accommodation : Hostel facility is available for the M.Sc. students.

Admission Test :

Distribution of Marks : i) Marks of the Qualifying Exam – 30 marks(maximum). ii) Written Test – 50 marks. iii) Written Test Marks allocation – Objective type – 20 marks; Essay in English – 10 marks; Short questions – 20 marks

Written test subjects / topics : Botany, Zoology, Chemistry, English, GK, Current affairs, reasoning etc.

Written test time : 1 (one) hour

Viva-voce – 20 marks

The candidates securing 40 % marks and above in written test will be selected for viva-voce. The ranking of the successful candidates will be made on the basis of the marks of the qualifying examination + the marks obtained in the written test + marks obtained in the viva-voce.

- 2) **Postgraduate Diploma in Tea Management (PGDTM)** : This is a one-year postgraduate diploma Course divided into two semesters. Graduate of any discipline is eligible to apply for the Course.

Course fee (Non refundable): Rs 40,000 (for Indian students) ; Rs 50,000(for candidates from other SAARC countries) ; Rs 80,000 (for candidates from foreign countries other than SAARC countries)

Number of Seats : 40(forty)

Indian students : 33 (General 21; Reserved for SC Category 22% – 8; Reserved for ST category 6% –2; Reserved for BPL/Antyodaya category 3%- 1; Reserved for Physically challenged category 3% - 1;) Reserved for students of other SAARC countries – 2 ; Reserved for Foreign students other than SAARC countries – 5.

The Course curriculum consists of the following aspects:

- i) Botany of Tea & Tea Nursery
- ii) Agronomy of Tea
- iii) Soil & Water Management
- iv) Pest Management
- v) General Aspects of Tea
- vi) Biochemistry & Tea Manufacture
- vii) Labour Laws & Management

- viii) Tea Economics
- ix) Computer Applications

Admission Test :

Distribution of Marks : i) Marks of the Qualifying Exam – 30 marks (maximum). ii) Written Test – 50 marks. iii) Written Test Marks allocation – Objective type – 20 marks; Essay in English – 10 marks; Short questions – 20 marks

Written test subjects / topics : Botany, Zoology, Chemistry, English, GK, Current affairs, reasoning etc.

Written test time : 1 (one) hour

Viva-voce – 30 marks

The candidates securing 40 % marks and above in written test will be selected for viva-voce.

Accommodation : This Course is non-residential. But few seats are available in the University hostel on first come first serve basis.

The ranking of the successful candidates will be made on the basis of the marks of the qualifying examination + the marks obtained in the written test + marks obtained in the viva-voce.

Practical Training : University has a 40- acre tea plantation where students get hands on training. Every week the students are taken to various tea gardens for gaining practical knowledge. As per the curriculum, the M.Sc. students need to stay 15 days and the PGDTM students 30 days in a tea garden as a Residential Training.

Role of Tea Board and Planters' Associations : Tea Board provides financial support for the Course every year. All the tea Associations (Indian Tea Association, Tea Association of India, Indian Tea Planters' Association, Terai Indian Planters' Association) under the Consultative Committee of Planters' Association (CCPA) assists the Department by imparting Residential training to the students free of cost and also helps in placement of the students.

Placement of the students : The Department makes all efforts to get the students jobs in tea gardens and Tea Board, tea research centres and agrochemical companies. So far the percentage of placement is very encouraging.

Faculty : The faculty comprises of the teachers from the tea gardens (mainly tea garden Managers), Executives of the tea associations, teachers from other departments and teachers of the parent Department.

3) SHORT TERM COURSE FOR THE FOREIGN STUDENTS

ONE MONTH – INTERNSHIP FOR THE UNDERGRADUATE STUDENTS:

The break up of the curriculum is as follows:

- i) Seven days' Orientation Course on Tea Science & Management, mainly consisting of theoretical lectures.
- ii) Seven days' Practical exposure to tea cultivation and processing in the tea plantation of North Bengal University as well as the adjacent tea gardens.
- iii) Seven days' off campus residential training in any commercial tea gardens.

Course Fee(Non-refundable)-US\$ 500 which includes board and lodging, conveyance to the tea gardens, study materials, course fee , cost of off-campus training in any commercial tea garden and contingency expenses.

OTHER COURSES:

This Department has the distinction of conducting Tea Board sponsored Training Program for the Small Tea growers of North Bengal, Bihar and Sikkim.

3-month Training Programme (Refresher Course) was conducted for the Assistant Managers of various tea gardens under Andrew Yule & Company Ltd.

In future also there is a plan to conduct Short Term Training Programme / Refresher Courses for the Executives of tea gardens if sufficient number of candidates are available.

TEA BOARD APPROVED SOIL TESTING LABORATORY

In the soil Testing laboratory, soil from various tea gardens of North Bengal, Bihar, Assam and Sikkim are analyzed for various parameters viz pH, Organic Carbon, Organic matter, Nitrogen, available Phosphorus, available Potassium, available Sulphur, texture, EC etc.

Annexure 'B'

SEMINARS :

Tea Plucking – 11.05.2014

Tea Machineries – 20.05.2014

Weed Management in Tea – 27.08.2014

Soil Management -18 .09.2014

Tea Chemistry & Pharmacology – 20.11.2014

University-Industry Symbiotic Relationship, Tea-Link2015 Seminar-16. 03. 2015

PUBLICATION OF BOOK

Kabir,S.E. & Das, A.P. (2015) Tea Cultivation in the Plains of North East India. Published by Astral International Pvt. Ltd. , New Delhi

Annexure 'C'

Faculty from University

Dr. Arnab Sen, Department of Botany,

Specialization: Biotechnology of tea

Prof. A. P. Das, Department of Botany,

Specialization: Systematic position of tea, Tea Weeds

Prof. Ananda Mukhopadhyaya, Department of Zoology,

Specialization: Tea Pests, Integrated Pest Management

Dr. Subhash Chandra Roy, Department of Botany,

Specialization: Anatomy of tea, Botany of tea

Dr. Palash Mandal, Department of Botany,

Specialization: Tea Crop Physiology, Tea Biochemistry

Dr. Om Prakash Sharma, Department of Law,

Specialization: Intellectual Property Rights

Dr. Biswajit Sinha, Department of Chemistry

Specialization: Spectrophometry

Guest Faculty

Name of the teacher	Date of Birth
Mr. Chandrasekhar Mitra, Deputy Director of Tea Development, Tea Board of India	08.01.1963
Dr. M. P. Sinha, Former Agronomist, Tocklai Experimental Station, Jorhat, Assam	06.10.1941
Dr. S. Debnath, Former Mycologist, Tocklai Experimental Station, Jorhat, Assam	01.12.1953
Mr. N. K. Basu, Former Principal Advisor, Indian Tea Planters' Association	13.12.1936
Mr. V. S. Parmar, Advisor, P. C. Mittal Tea Group	01.04.1953
Mr. S. S. Selvam, Tea Taster, J. Thomas & Company Pvt. Ltd.	03.05.1961
Dr. Akthar Hussain, Former Scientist, Himul, Matigara	28.02.1954
Dr. Soumitra Sarkar, Professor, Alipurduar Collage	09.09.1976
Mr. Kamal Kallani, Distributor of American Springs & Pressing Works	31.03.1954
Mr. C. R. Nayak Ex-Join Systems Manager Computer Centre, NBU	02.01.1950

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 Eight 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) supports 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:

<u>Professor</u>	<u>Associate Professor</u>	<u>Assistant Professor</u>
Prof. A. Mukhopadhyay(Rtd.)	Dr. M. Bahadur	Dr. S. Bhattacharjee
Prof. J. Pal (Rtd.)	-	Dr. D. Saha
Prof. S. Barat	-	Mr. T. Saha
Prof. T. K. Chaudhuri(Rtd.)		

5. Name of the Research Scholars: (2014-2015)

S.No	Name
1.	Binoy Kishore Rai
2.	Dawa Bhutia
3.	Rujas Yonle
4.	Ritesh Biswa
5.	Sangita Khewa Subba
6.	Soma Das
7.	Manoj Lama
8.	Pokhraj Guha
9.	Manik Lal Acharjee
10.	Mahua Rudra
11.	Gautam Debnath
12.	Ruksa Nur
13.	Soma Banerjee
14.	Chandan Chakraborty
15.	Rakesh Bhagat
16.	Jayashree Saren

6. Name of the Project Scholars:

S.No	Name	Remarks
1.	Anjali Kumari Prasad	NTRF Fellow
2.	Priyanka Dey	ICMR Fellow
3.	Subhrojyoti Roy	UGC Fellow
4.	Ruksa Nur	DBT & MANJR Fellow
5.	Sutanuka Chattaraj	CSIR Fellow
6.	Tanmoy Mukhopadhyay	UGC Fellow
7.	Kumar Basnet	UGC Fellow
8.	Sanjeeb Sarkar	DBT Fellow

7. Name of the Non –teaching Staff: (2014-2015)

Name	Designation
Mr. Nirmal Das(Rtd.)	Lab Assistant
Mr. Subrata Ghosh	Sr. Assistant
Mr. Samiran Ch. Debnath	Lab Attendant
Mr. Samarendu Nath Ghosh	Lab Bearer
Mr. Ram Krishna Ghosh	Lab Attendant
Mr. Rajen Adhikary (Rtd.)	Animal Care Taker
Mr. Sudam Das	Peon (Casual)

8. Student Strength

Semester	Male	Female	Total	Year
2 nd Sem	14	16	30	(2014-2015)
4 th Sem	17	07	24	(2014-2015)

9.Seminar/Conferences attended:[Outside the Country & Within the Country(2014-2015)]

Name of the teacher	Name of the Seminar/ Conference	Venue and Date	Title of the paper presented
Prof. Ananda Mukhopadhyay	West Bengal State Science Congress.	University of North Bengal	Not mentioned presented paper
	National Seminar on Applied Zoology in Sustainable Development: An update.	University of North Bengal	Not mentioned presented paper

Seminar/Conferences attended:[Outside the Country & Within the Country(2014-2015)]

Name of the teacher	Name of the Seminar/ Conference	Venue and Date	Title of the paper presented
Prof. T.K.Choudhuri	No information received		

Seminar/Conferences attended [Outside the Country & Within the Country (2014-2015)]

Name of the teacher	Name of the seminar/conference	Venue and Date	Title of the paper presented
Prof. Sudip Barat	22 nd West Bengal State Science & Technology Congress, 2015	Dept. of Zoology, NBU (28 th Feb & 01 March, 2015)	
	Workshop on Ornamental Fish Culture	Venue: Department of Zoology, P.D. Women's College, Jalapaiguri (28 th March, 2015)	Title of the Talk delivered: "Ornamental Fish Culture: its know-how and prospects"

Seminar/Conferences attended [Outside the Country & Within the Country (2014-2015)]

Name of the teacher	Name of the seminar/conference	Venue and Date	Title of the paper presented
Dr. Min Bahadur	National conference on " Applied Zoology in sustainable Development:An Update".	Dept.of Zoology, University of North Bengal, January 30-February 02,2015	

Seminar/Conferences attended [Outside the Country & Within the Country (2014-2015)]

Name of the teacher	Name of the seminar/conference	Venue and Date	Title of the paper presented

Dr. Soumen Bhattacharjee	No information given (2014-15)		
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Seminar/Conferences attended [Outside the Country & Within the Country (2014-2015)]

Name of the teacher	Name of the seminar/conference	Venue and Date	Title of the paper presented
Mr. Dhiraj Saha	Workshop on New Practical Syllabus in Zoology (Honours and Pass) of University of North Bengal	on 8 th November, 2014 at North Bengal St. Xavier's College, Rajganj, Jalpaiguri, West Bengal.	
	National Symposium on " <i>Applied Zoology in Sustainable development: An update</i> "	Department of Zoology, University of North Bengal, Siliguri, W.B., India, during January 30 – February 2, 2015.	
	West Bengal State Science and Technology Congress 2015 in Animal Science Section"	28 th February -1 st March 2015.	Presented paper entitled as " <i>Host plant based variation in fitness traits and detoxifying enzymes' activity in Helopeltis Theivora waterhouse (Miridae: Hemiptera), a major sucking pest of tea</i> "
	"22 nd West Bengal State Science and Technology Congress 2015 in Animal Science Section"	28 th February -1 st March 2015.	" <i>Prospect of Botanical in Integrated Mosquito Management from North East India</i> "

Seminar/Conferences attended [Outside the Country & Within the Country (2014-2015)]

Name of the teacher	Name of the seminar/conference	Venue and Date	Title of the paper presented
Mr. Tilak Saha	<i>Applied Zoology In Sustainable Development: An Update</i>	January 30-February 2, 2015 held in University of North Bengal	" <i>Bioprospecting Gut Microflora Of Eisenia Fetida For Novel Decomposers</i> "

	<i>State Science Congress</i>	February 28 – March 01, 2015 held in the University of North Bengal	“Light Microscopic Study Of Coelomocytes In <i>Eisenia Fetida</i> ”
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10. Organized Seminar/ Conference

Name of the Seminar/ Conference	Date of the Seminar/ Conference	
National Symposium on Biological Research in human welfare.	February 07, 2014	Dr. M. Bahadur

11. Publication :

Name of the Author(s)	Name of the Book / Journal/volume	Year of publication
Prof. Ananda Mukhopadhyay	International symposium on plantation crops. Kozhikode, Kerala, India.	2014
	<i>International Journal of Tropical Insect Science</i> . DOI 10.1017/S1742758414000583.	2014
	<i>Proceeding of the Zoological Society</i> . DOI 10.1007/S12595-014-0124-5.	2014
	<i>Phytoparasitica</i> 42:275–283(Springer)	2014
	<i>Experimental and Applied Acarology</i> . DOI 10.1007/s10493-014-9800-4 (Springer)	2014
	<i>NBU Journal of Animal Sciences</i> .	2015
	<i>International Journal of Pest Management</i> . DOI 10.1080/09670874.2015.1030002	2015

Publication :

Name of the Author(s)	Name of the Book / Journal/volume	Year of publication
Prof. T. K. Chaudhuri	Chemico-Biological Interactions, (2015): 37-46.	2015
	Cytotechnology, 1-13.	2015
	J Basic and Clinical Physiology and Pharmacology.	2015
	Food and Agricultural Immunology, 1-13.	2015
	BMC Complementary and Alternative Medicine, (2015) 15: 107.	2015
	Human Genetics. 1-11.	2015
	Journal of Ethnopharmacology. 161 (2015) 128–137.	2015

Publication :

<i>Name of the Author(s)</i>	<i>Name of the Book / Journal/volume</i>	<i>Year of publication</i>
Dr. Min Bahadur	<i>J. Env. Biol. 35(1):237-241(ISSN :0254-8704)</i>	2014
	<i>NBU Journal of Animal Sciences 8: 15-22(ISSN 0975-1424)</i>	2014

Publication :

<i>Name of the Author(s)</i>	<i>Name of the Book / Journal/volume</i>	<i>Year of publication</i>
Prof.(Dr.) Sudip Barat	<i>Journal of Environmental Biology, 35(1): 237-241.</i>	2014
	<i>Indian Journal of Traditional Knowledge, 13(3): 619-625.</i>	2014
	<i>International Journal of Pure & Applied Bioscience, 2(3): 258-264.</i>	2014
	<i>International Journal of Pure & Applied Science, 3(1): 247-256.</i>	2015

Publication :

<i>Name of the Author(s)</i>	<i>Name of the Book / Journal/volume</i>	<i>Year of publication</i>
Dr. Soumen Bhattacharjee	<i>Polish Journal of Microbiology 63 (2): 191-201.</i>	2014
	<i>Scandinavian Journal of Immunology 80: 441-451.</i>	2014
	<i>International Journal of Pharmacy and Pharmaceutical Sciences 6 (9): 368-371.</i>	2014
	<i>International Journal of Biodiversity Volume 2014, Article ID 791364, 10 pages.</i>	2014
	<i>Immunome Research 10: 081. doi: 10.4172/17457580.1000081</i>	2014
	<i>Animal Diversity, Natural History and Conservation. Vol. 5, Chapter 13: 177-211.</i>	2015

Publication :

<i>Name of the Author(s)</i>	<i>Name of the Book / Journal/volume</i>	<i>Year of publication</i>
Mr. Dhiraj Saha	<i>Proceedings of Zoological Society (Accepted).</i>	2014

Publication :

<i>Name of the Author(s)</i>	<i>Name of the Book / Journal/volume</i>	<i>Year of publication</i>
Mr. Tilak Saha	Nil (2014-2015)	

12. Research Projects(Major & Minor)

<u>Major Research Project</u>			
Name of the teacher	Title of the Scheme Project	Sanctioned Authority	
Prof. Ananda Mukhopadhyay	Enzyme based detection of susceptibility level in major sucking pests of tea, <i>Helopeltis theivora</i> Waterhouse (Heteroptera: Miridae) to commonly applied insecticides in tea plantations of Darjeeling foothills and plains	The University Grants Commission, New Delhi	Continued
	Nutritional Ecology of Tea Loopers on Natural and Artificial Diets from Darjeeling Terai and the Dooars	National tea Research Foundation, Tea Board of India	Continued
<u>Minor Research Project</u>			
Name of the teacher	Title of the Scheme Project	Sanctioned Authority	
Prof. Ananda Mukhopadhyay	Nil		

Research Projects(Major & Minor)

<u>Major Research Project</u>			
Name of the teacher	Title of the Scheme Project	Sanctioned Authority	
Prof. T.K.Choudhuri	Study of the frequency and distribution and Toll like receptor (TLR) genes and Killer cell Immunoglobulin like receptor (KIR) in Gurkha and Rajbanshi population of Sub – Himalayan region of West Bengal.	Indian Council of Medical Research (ICMR)	Continued
<u>Minor Research Project</u>			
Name of the teacher	Title of the Scheme Project	Sanctioned Authority	
Prof. T.K.Choudhuri	Nil		

Research Projects(Major & Minor)

<u>Major Research Project</u>			
Name of the teacher	Title of the Scheme Project	Sanctioned Authority	
Prof.(Dr.) Sudip Barat	1) "Integrated Management of Coldwater Fish Culture and Livestock with an emphasis on Aquaculture for Economic Upliftment of SC/ST in Darjeeling Hills of West Bengal"	DBT, New Delhi	Continued
	2)"Establishment of Rural Bio-resource Complex in North Bengal"	DBT, New Delhi	Continued
	3)" Formulation of Probiotics for Major and Minor Carps"	DBT, Govt. of West Bengal	Continued
<u>Minor Research Project</u>			
Name of the teacher	Title of the Scheme Project	Sanctioned Authority	
Prof.(Dr.) Sudip Barat	Nil		

Research Projects(Major & Minor)

<u>Major Research Project</u>			
Name of the teacher	Title of the Scheme Project	Sanctioned Authority	
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.	DBT, Govt. of West Bengal	Continued
<u>Minor Research Project</u>			
Name of the teacher	Title of the Scheme Project	Sanctioned Authority	
Dr. Min Bahadur	Nil		

Research Projects(Major & Minor)

<u>Major Research Project</u>			
Name of the teacher	Title of the Scheme Project	Sanctioned Authority	
Dr. Soumen Bhattacherjee	Estimation of Genetic Diversity of Threatened Fishes of Ornamental Values in Terai and Dooars region of West Bengal. [Major]	UGC Reference No.: 40-289/2011. Period: 2011-2014	
	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-Investigator) Period: 2014-2017	
<u>Minor Research Project</u>			
Name of the teacher	Title of the Scheme Project	Sanctioned Authority	
Dr. Soumen Bhattacherjee	Nil		

Research Projects(Major & Minor)

<u>Major Research Project</u>			
Name of the teacher	Title of the Scheme Project	Sanctioned Authority	
Mr. Dhiraj Saha	Nil		
<u>Minor Research Project</u>			
Name of the teacher	Title of the Scheme Project	Sanctioned Authority	
Mr. Dhiraj Saha	Nil		

Research Projects(Major & Minor)

<u>Major Research Project</u>			
Name of the teacher	Title of the Scheme Project	Sanctioned Authority	
Mr. Tilak Saha	Nil		
<u>Minor Research Project</u>			
Name of the teacher	Title of the Scheme Project	Sanctioned Authority	

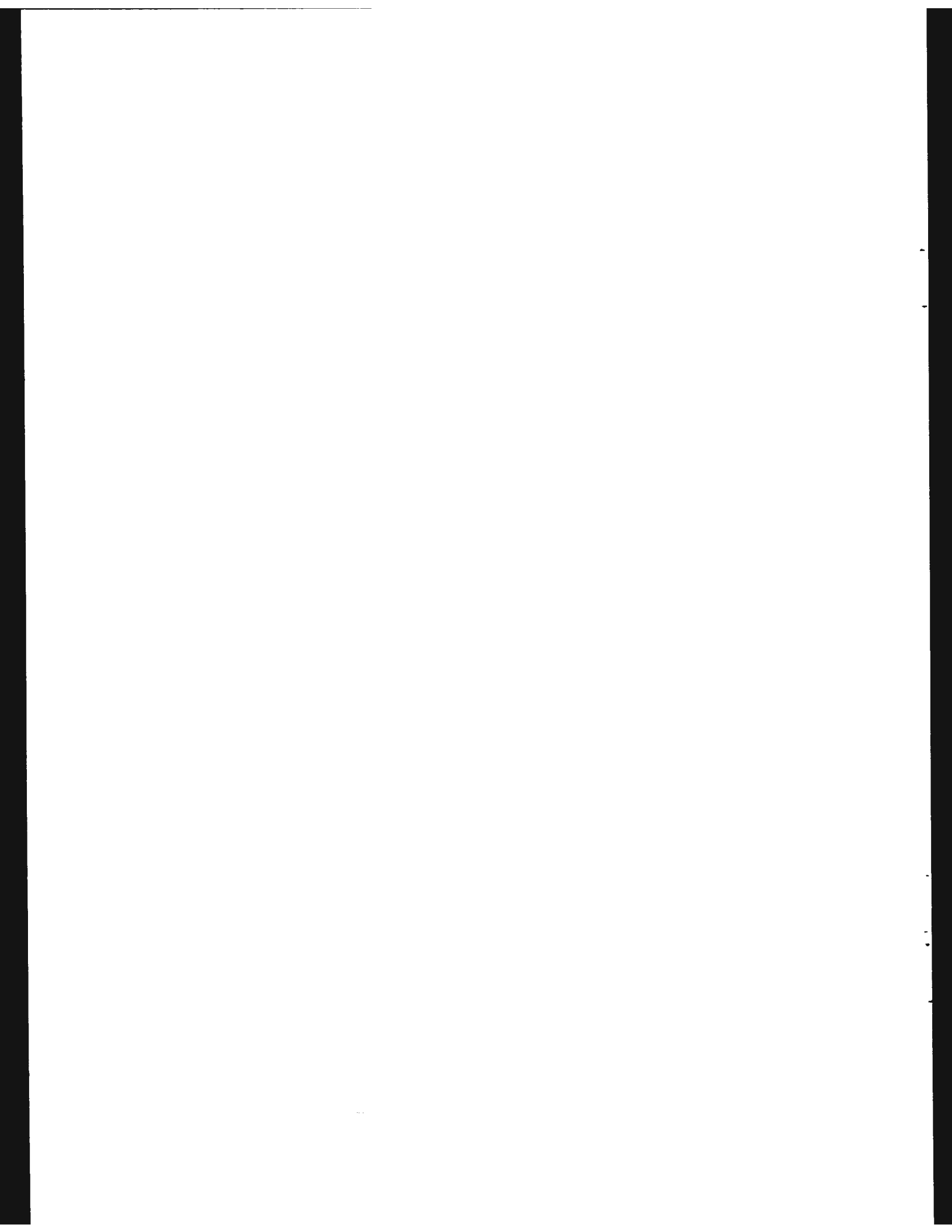
Mr. Tilak Saha	Nil		
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13. Visiting Fellow:

Name of the Visiting Fellow	Duration	

14. Any other information (Award received): Nil

ARTS, COMMERCE & LAW



Department of Bengali

1. Name of the Department : Bengali
2. Date of Establishment : 1965
3. Introduction of the Department :
4. Name of the Faculty :

Professor : 2 Associate Professor : 2 Assistant Professor : 2

Sl.No.	Name	Designation
i.	Dr. Subodh Kumar Jash	Professor
ii.	Dr. Manjula Bera	Professor
iii.	Dr. Nikhil Chandra Ray	Associate Professor
iv.	Dr. Dipak Kumar Roy	Assistant Professor
v.	Dr. Utpal Mandal	Associate Professor
vi.	Dr. Tapan Mandal	Assistant Professor

5. Name of the Research Scholars : 11 Nos.
6. Name of the Project Scholars : NIL
7. Name of the Non-Teaching Staff :

Sl. No.	Name	Designation
1.	Smt. Jayanti Goswami	Jr. Superintendent.
2.	Sri Ramesh Chandra Singha	Jr. Peon

8. Students Strength :

Students	Male	Female	Total
Session 2014-15			
Part – I	1 st Sem.		
	2 nd Sem.	24	61
			85
Part – II	3 rd Sem.		
	4 th Sem.	41	42
			83

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	UGC sponsored Two Day National Seminar held on 11-12 March, 2015 organized by the Department of Bengali, University of North Bengal.	Seminar Hall, Department of Bengali, University of North Bengal	

<p>Prof. Manjula Bera</p>	<p>1. UGC Sponsored Refresher Course in Bengali of Department of Bengali, North Bengal University held from August 20, to September 9, 2014 on the title heading "Swadhinata Uttarkaler Bangla Kathasahitya" organised by the UGC Academic Staff College, University of North Bengal.</p> <p>2. UGC sponsored Two Day National Seminar entitled "Challish-Panchash Dashaker Bangali Jivan O Bangla Sahitya" held on 11-12 March, 2015 organized by the Department of Bengali, University of North Bengal.</p> <p>3. Certificate Course from 18-26 March, 2015 organised by the Centre for Women's Studies, University of North Bengal.</p> <p>4. Lectures (10 Nos) delivered in the Department of Bengali, Presidency University in the month of February-March, 2015.</p>	<p>1. UGC Academic Staff College, University of North Bengal. on 26th August, 2014</p> <p>2. Seminar Hall, Department of Bengali, University of North Bengal. on 12th March, 2015</p> <p>3. Humanities Building, University of North Bengal on 20th March, 2015</p> <p>4. Department of Bengali, Presidency University on February-March, 2015.</p>	<p>1. Swadhinata Uttarkaler Nari Ooupanyasikder Bishaybhabnar Baitichtra Anweshan on 26th August, 2014</p> <p>2. Challish-Panchash Dashaker Bangla Sahitye Bangali Jibaner Baichitra Anweshan on 12th March, 2015</p> <p>3. Present Position of Women in Indian Society on 20th March, 2015</p> <p>4. Madya Yuger Aartha-Samajik-Sanskritik Prekshit O Banla Sahitya</p>
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Dr. Nikhil Chandra Ray	UGC sponsored Two Day National Seminar held on 11-12 March, 2015 organized by the Department of Bengali, University of North Bengal.	Seminar Hall, Department of Bengali, University of North Bengal	
	National Semonar on Gadyasilpi Vivekananda at Balurghat Mahila Mahavidyalay on 7-8 August 2014	Balurghat Mahila Mahavidyalay	Vivekanander Gadyachinta
	National Seminar on Swadhinata Parabarti Bengali Upanyase Pratibad at Dewan Abdul Gani College, Harirampur on 17-18 September, 2014	Dewan Abdul Gani College, Harirampur	Bangla Upanyase Pratibad : Sattar Dasak
	International Seminar on Bangla Bhasa O Sahitye Nana Charcha at Samsi College on 17 th February, 2015	Samsi College	Rajbanshi Lekhakder Bangla Bhasha Charcha

<p>Dr. Dipak Kumar Roy</p>	<p>1. Two days National Seminar on Gurusaday Museum, Kolkata, on present Status and Emerging Trends of Folklore studies in India</p> <p>2. Symposium on Cultural and Linguistic Identity of Bodos (Meches) of West Bengal org. by Sahitya Akademi in Collaboration with Paschimbanga Bodo Sahitya Sabha, Jalpaiguri</p> <p>3. UGC Spon. National Seminar, on Folklore and Tribal studies in Eastern and North-East India : perspective and present status</p> <p>4. Seminar on 'The History of Cooch Behar Khan Choudhury Amanet-Ulla Ahmed, org. by TRIONER, Cooch Behar</p>	<p>1. Gurusaday Museum, Kolkata on 12-13 Dec. 2014</p> <p>2. Jalpaiguri on 15 March 2015</p> <p>3. Dept. Of Folklore, Kalyani University on 15-16 Jan. 2015</p> <p>4. Cooch Behar on 2nd Jan. 2015</p>	<p>1. Cultural Tradition of Koch Tribe in Meghalaya</p> <p>3. Assomer Lokosanskriti Charya'</p>
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<p>Dr.Utpal Mandal</p>	<p>1. Workshop on "IN SEARCH OF THE SUN" organized by Bolpur Nrityaniketan & Ministry of Cultural Affairs, Govt. of India held from 2nd February to 9th March 2014.</p> <p>2.Robindro Kobitay Adhunikkata CSR on Tagore; Robindro Bharati University.</p> <p>3. Seminar organized by Jalpaiguri Book Fair</p> <p>4.Seminar organized by Namosudra Samaj Sanstha, Darjeeling.</p>	<p>1.Bolpur, from 2nd February to 9th March 2014.</p> <p>3. Jalpaiguri, on 03-01-2015</p> <p>4.On 19-02-2015</p>	<p>2.Robindro Kobitay Adhunikkata.</p> <p>3. Madhusudaner Sahitya Charchar Prasangikata</p> <p>4.Samajik Bikaser Dhara : Namosudra Samprodayer Chatro-Chatri</p>
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Dr. Tapan Mandal	National Seminar সুন্দরবনের ছড়া ও ধাঁধা Gurusaday Museum, Kolkata, 12-13 Dec. 2014.	Gurusaday Museum, Kolkata on 13-12- 2014	সুন্দরবনের ছড়া ও ধাঁধা
	National Seminar organized by Assamnagar College, Krishnanagar College Nadia, 2015.	Assamnagar College,	অদ্বৈত মল্লবর্মণের কবিতা চর্চা
	National Seminar পঞ্চাশের মনুস্তর ও বিজনের নাটক (Speaker & Chair) Krishnagar DL College, 2015.	Krishnagar DL College, Nadia.	পঞ্চাশের মনুস্তর ও বিজনের নাটক

10. Organized Seminar/Conference:

Name of the Seminar/ Conference/ Refresher Course	Date of the Seminar/ Conference	
<p>1. UGC Sponsored Refresher Course in Bengali of Department of Bengali, North Bengal University held from August 20, to September 9, 2014 on the title heading "Swadhinata Uttarkaler Bangla Kathasahitya" organised by the UGC Academic Staff College, University of North Bengal.</p>	<p>August 20, to September 9, 2014</p>	
<p>2. UGC sponsored Two Day National Seminar entitled "Challish-Panchash Dashaker Bangali Jivan O Bangla Sahitya"</p>	<p>11-12 March, 2015</p>	
<p>3. Celebration of Golden Jubilee of Bengali Department (ESTD - 1965) On 21-22 November, 2014 at Rabindra-Bhanu Mancha, University of North Bengal.</p>	<p>21-22 November, 2014</p>	

11. Publication :

Name of the Author	Name of the Book/Journal/Volume	Year of Publication
<p>Prof. Subodh Kumar Jash</p>		

	. Abbasuddin O Bhaouiya published on Lokaitixhyer Darpane Uttarbanga –edited by Sablu Barman	14 May 2014
Prof. Manjula Bera		
	Shibnath Satri : Unish Sataker Banga Samaj O Sanskritir Itihasbetta (Article) published in Bish Sataker Bangla Prabandha charya (Book) edited by Dr. Utpal Mandal and Rita Modak & published by Bangiya Sahitya Sansad, 11A, Bankim Chatterjee Street, Kolkata – 73.	2014 (Kolkata Baimela)
	Baishnav Dharma Aandolan O Srichaitanyadev (Article) published in Srichaitanya : Ekaler Bhabna (Book) edited by Tapas Basu & published by Bangiya Sahitya Sansad, 11A, Bankim Chatterjee Street, Kolkata – 73.	2014 Kolkata Baimela
Dr. Nikhil Chandra Roy		
	Kalindra Nath Barman in Voga (Patrika) ' Rajbanshi Bhasa Academy, West Bengal	October 2014
Dr. Dipak Kumar Roy		
	4. Madhyajuger Sahitya Kochbehar Rajdarabar (Ed.), Chaya Publication, Kol-13, ISBN 978-93-81677-39-1	January 2015,

	4. Kochbehar Rajdarabarar Puthiparichay, Chaya Publication, Kol, ISBN 978-93-81677-41-4	January 2015,
	5. Himalayasanglangna Uttarbanger Lokonatya, Terracotta, Bishnupur, Bakura ISBN 978-81-923394-6-7	January 2015,
	3. Uttarbanger Prekshapate Barabarir Durgapuja, Terracotta. Vol-V, Issue – V & VI, , Ed. by Pradip Kar, Tulshidas Maiti, Bishnupur, Bankura, ISSN 2348-6392	Sep-Oct. 2014
	4. Uttarbanger Dhan O Lokayata Sanskriti, Banglar Dhan O Dhan Sanskriti, Ed. by Liha Chaki, Kol-10, , ISBN 978-81-7332-743-8	January 2015
	5. Rajbangshi Kichcha : Jadubiswas O aloukik Kriyakalap,Lokokathar Barnamala. Ed. by Dr. Sougata Chattopadhyay, Kol-9, , ISBN 978-93-82012-82-5	15 August 2014
Dr. Utpal Mandal		
	1. "Anokhikarer Fatoya: Adhikarer Boyan Nomoshudra Smpro dayer Samayiki O tar gurutwa"- Correspondily Auther/ "Choturtha Barta" Issn 2319-1325	
	2. Bish Shataker Bangla Probondho Charja / Publisher-	

	Bangiyo Sahityo Samsad \ ISBN-978-93-83590-40-7	
Dr. Tapan Mandal		
	অভিজিত : মরনেওয়ালার ভিতরকার পীড়িত মানুষ - ২০১৫ (রবীন্দ্রনাথের মুক্তধারা - সম্পাদনা সনৎ কুমার নস্কর)।	
	প্রথম মহাযুদ্ধের প্রাক্কালে বাংলা নাটকে স্বাদেশিকতা - ২০১৫ (প্রথম বিশ্বযুদ্ধ : শতবর্ষে ফিরে দেখা - সম্পাদনা দেবব্রত ঘোষ ও সনৎ নস্কর)।	
	মহাশেতার ভাত : হা-ভাতের করুণ কাহিনী - ২০১৫ (মহাশেতার ছোটগল্প সম্পাদনা - রবীন্দ্রনাথ বন্দ্যোপাধ্যায়)।	
	চর্যাপদের কবি : সংক্ষিপ্ত জীবন কথা (চর্যাপদ : পুনর্মূল্যায়ন - ২০১৪ - সম্পাদনা - তপন মন্ডল)।	
	রবীন্দ্রনাথের তত্ত্ব নাটক - ২০১৫ (রবীন্দ্রনাথের নাট্যচর্চা - সম্পাদনা - দেবব্রত বিশ্বাস)।	
	উনিশ শতক : নারী শিক্ষা ও নারী আন্দোলন (চতুর্থবার্তা, ২০১৫)।	
	হীসুলি বাকের উপকথা : নিম্নবর্ণের আখ্যান (মহানগর ২০১৫)।	
	পদ্মানগীর মাঝি : প্রান্তিক জীবন কথা (রাঁচি বিশ্ববিদ্যালয়, বাংলা বিভাগীয় পত্রিকা, মার্চ ২০১৫)	
	অদ্বৈত মল্লবর্মণের কবিতা চর্চা (আসাননগর কলেজ সেমিনার পত্রিকা, মার্চ ২০১৫)	
	বুকস পাবলিস্ট :	

	১) নাটক ও নাট্যপাঠ - ২০১৪। ২) উপন্যাস : পাঠ ও প্রাপ্তি - ২০১৪। ৩) নূরজাহান : ফিরে দেখা - ২০১৪।	
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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

1. **Name of Department :** DEPARTMENT OF COMMERCE
2. **Year of Establishment** 1965
3. **Introduction to the Department:** The Post Graduate Department of Commerce was established in 1965 with the purpose to promote state of the art teaching and research and in Business Operations and Management. The primary programme offered by the department is Masters in Commerce, with specializations offered in Accounting and Finance, Personnel Management and Industrial Relations , Marketing, Banking and Finance and International finance. The course curriculum has been designed according to the guidelines prescribed by the UGC and aims at equipping the students with technical and analytical skill in management of funds, people, markets and legal and economic environment of business so that they are capacitated to handle strategic and operational issues in corporate and non corporate business houses. The department also runs a full time six month Research Methodology course for Ph.D scholars . For administration of the courses, modern pedagogic techniques like case studies, business games, role playing etc. are used with appropriate audio-visual media. The examination and assessment processes consist of structured class tests, assignments, viva-voce and seminar presentations. The alumni of this department are placed as professional managers in banking and insurance and other companies and as faculty in several universities, colleges and reputed management and professional institutes. The faculty of this department has diverse specializations to cater to the needs of teaching and research and has also been associated with a large number of universities, institutions and government departments. The department has organized national level seminars and workshops and contributed in development of teachers in the field of Commerce and Management by organizing Refresher Courses.

4. Name of Faculty

Name	Qualification	Designation	Specialization	No. of years of experience
Palas Ranjan Sengupta	M.Com., LLB., Ph.D, D.Litt	Professor	Human Resource Management Organizational Behaviour	PG 34
Samirendra Nath Dhar	M.Com, M.B.A (Finance), Ph.D	Professor	Finance, Microfinance, Direct Taxation	PG 30
Ajit Kumar Ray	M.Com, Grad OR,	Professor	Finance,	PG 32

	Ph.D		Operations Research	
Indrajit Ray	M.A. (Econ), Ph.D	Professor	Economic History	PG 28
Debabrata Mitra	M.Com, Ph D	Professor	Accounting & Finance, OB and HRM	PG 19.5 UG 2
Debasis Bhattacharya	M.Com., M.B.A., Ph.D	Associate Professor	Marketing	PG 31
Hirak Ray	M.Com., Ph.D	Associate Professor	Financial Economics	PG 18.3 UG 16.6
Dipen Roy	M.Com,M.B.A Ph.D	Associate Professor	Finance	PG 27
Joy Sarkar	M.Com	Assistant Professor	Finance, Computer Applicartions	PG 8 UG 7

5. **Name of Research Scholars:** (*Ph.D Course Work Candidates*- Debashree Dey, Dipankar Bhowmik, Sandip Santra, Aman Khati, Sagnik Bhattacharya, Md. Akhtar Alam *JRF*, Durga Prasad Chettri *JRF*, Sumit Pradhan *JRF* , Subrata mallik, Dipankar Karmakar, Amrita Banerjee, Mamta Prasad)

Registered Scholars- Pintu Prasad Jaiswal, Dipika Bhowmik, Moushaki Ray, Piyali Khan, Madhu Sarda, Shuvendu Dey

6. **Name of Project Scholars-**

7. **Name of Non –Teaching Staff:** Rashiklal Roy (substantive) and Manik Das (casual)

8. Students Strength :	Male	Female	Total
1 st Sem	43	33	76
2 nd Sem	23	28	51
3 rd Sem	20	26	46
4 th Sem	19	26	45

9. **Seminar/ Conferences Attended.**

Prof. Samirendra Nath Dhar

- Special lecture delivered as visiting faculty on Research Methodology – ‘ Measurement and Scaling Techniques’ in Gour Banga University on 11th May 2015
- Special lecture delivered as Resource person on Industry – University Linkage in CONNEXION (UGC Sponsored University Industry Linkages Programme) , North Bengal University, 3rd March 2015.

3. Paper titled 'ATM Card Technology- Awareness and Risk Perception of Users- An Empirical Investigation ' presented jointly with P. Dhar at the 22nd West Bengal State Science and Technology Congress , organized by Department of Science and Technology, Govt. of West Bengal and North Bengal University, Feb 20 and March 1 2015.
4. Chaired a technical session on Financial Inclusion and Microfinance in International Conference on " Modern Trends in Social and Basic Sciences" organized by Alipurduar College on March 27th and 28th 2015.
5. Presented a paper titled " Financial Inclusion through Business Correspondents- An Investigation into the Operations in North Bengal", jointly with S.Sarkar in the Twelfth International Conference on Contemporary Issues in Accounting and Finance organized by organized by IAA Research Foundation , Deloitte on January 3rd and 4th 2015.
6. Chaired a technical session on the Emerging Trends in Finance at the National Seminar on Emerging Trends and Issues in Management organized by Department of Management, North Bengal University on December 4th and 5th 2014.
7. Chaired a technical session in the 4th All India Conference on Business Studies, organised by International Business Studies Academia, November 20th and 21st, 2014.
8. Special lecture delivered on Financial Inclusion in Post Graduate Department of Commerce, Utkal University, Bhubaneswar, Orissa , on 19.08.2014
9. Financial Access and Literacy- lecture delivered as Resource Person in UGC Refresher Course in Management , Department of Management, University of Calcutta on 4.08.2014

Prof. Debabrata Mitra

1. Problems and Prospects of Manufacturing Sector in India, (Key Note Speaker), National Seminar on "Manufacturing Sector in India: Issues & Challenges" P.G .Department of Commerce, Utkal University, Bhubaneswar, 25th-26th March, 2015
2. A Study on the Relationship between Women Health & their Productivity at the Workplace with special reference to India" (Co-authored), UGC sponsored National Seminar on " Changing Dimensions of Business in the New Millennium", Department of Business Administration, Vidyasagar University, 13th-14th March, 2015
3. Recent Trends of Human Resource Management (Key Note Speaker), UGC sponsored National Seminar on " Changing Dimensions of Business in the New Millennium", Department of Business Administration, Vidyasagar University, 13th-14th March, 2015
4. "Trade of Art: Passion for Economic Perspective" (Key Note Speaker) and on the topic Handicraft : Rich and Poor : A Comparative Analysis of Different handicrafts in India with special reference to India's North east" UGC sponsored National Workshop on "Development of Entrepreneurial Skill of Craftsmen of Different Handicraft of Dhubri District, Department of Commerce, Pramathesh Barua College, Gauripur, Assam, 9th-10th March, 2015
5. Traditional Indian Philosophy and Business Ethics in the context of globalization (Key Note Speaker), "Traditional Indian Philosophy and Business Ethics in the context of present Socio-

Economic Scenario In India”, Sree Chaitanya Mahavidyalaya, Habra, Prafullanagar, North 24 Parganas, West Bengal, 28th February, 2015

6. Role of Financial Literacy for the Empowerment of Women in Rural India through Micro-Finance” (Co-authored, “National Conference on Human Resource Development”, Faculty of Commerce , Banaras Hindu University , 14th -15th February, 2015
7. “ A Study on the Trends and Opportunities in the Hospitality Industry in different Tourist places of Darjeeling District, Dooars and Sikkim” (Co-authored), and Technical Efficiency of Life Insurance Companies operating in India in the Post Liberalized Regime” (Co-authored), 67th All India Commerce Conference, KIIT University , Bhubaneswar, 27th to 29th December, 2014
8. Chaired a Technical Session on the topic “ The Emerging Trends in Human Resource Management”, “ Emerging Trends and Issues in North Bengal”, Department of Management , University of North Bengal, 4th-5th December, 2014.

10. Seminar/Conferences/ Special Lectures / Refresher Courses organised.

- Workshop on Capital Markets in collaboration with the Calcutta Stock Exchange 2015
- UGC sponsored Refresher Course in Commerce (ID) on Business Decision Making Techniques and Corporate Governance held from 10th to 30th December 2014. Coordinators- Prof. Samirendra Nath Dhar and Mr. Joy Sarkar Several external resource persons delivered lectures and many ex students (now College and university faculty) attended the course
- Special Lecture by Prof. Dhruba Ranjan Dandapat, University of Kolkata on Strategic Management Accounting in November 2014 May 2015.
- Visting faculty, Prof. Dhiren Konar, University of Kalyani lectured on Business Environment from 10.3.14 to 14.3.14 and from 10.11.14 to 14.11.14

11. Publications

1. Debabrata Mitra ,Globalization and Human Resource Development : Emerging Trends and Challenges “ published in the “ Contemporary Issues in Business Studies” published by the UGC Academic Staff College and Department of Business Administration, University of Calcutta (ISBN: 978-81-927807-3-3) pp.191-196, Dec 2014
2. Debabrata Mitra,co-authored with Piyali Chandra Khan, “ Liquidity Risk Assessment of Life Insurance Corporation of India” published in the Indian Journal of Commerce, Vol 67, No 2 (ISSN: 019-512X) pp.55-63, April-June, 2014
3. Debarshi Roy and Palas R Sen Gupta “An Empirical Study of the Influence of School Infrastructure on the Motivation of Teachers” . *OPUS: Annual HR Journal* (Symbiosis Centre of Management and Human Resource Development) (ISSN: 0973-9866) Vol. 5, Issue 1, 2014

4. Dipen Roy: "Capital Budgeting Practices of Corporate Enterprises in India: An Empirical Study" with co-author Mr. Dhruva Charan Hota, Asstt Professor, Belonia College, Tripura in *Research Bulletin, ICWAI, Vol. 40, December 2014*
5. Dipen Roy: "Accountability, Accounting and Panchayati Raj: A study of Accounting and Reporting of Gram Panchayats in West Bengal published with co-author Dipankar Rudra, Research Scholar, Department of Commerce, NBU in *International Journal of Social Science & Interdisciplinary Research IJSSIR, Vol. 3(10), October 2014*
6. Dipen Roy: "Valuation Pitfalls: Theoretical Prescriptions, Accounting Contradictions and Experimental Evidences" published in *Indian Journal of Accounting, June 2014*
7. Hirak Ray :Cointegrating Macroeconomic Link to Indian Stock Market: The Post-liberalization Evidence, (with J. Sarkar), Modern Economy, Scientific Research Pub. Inc..., USA, April, 2014, , ISSN Print 2152-7245; ISSN Online 2152-7261
8. Hirak Ray :Does IFRS Reduce 'Home Bias' in asset Management?, (with J. Biswas), ANWESHAN, Dept. of Commerce, University of North Bengal, Vol. 2, Issue 1, March, 2014, (ISSN 2321-0370).
9. Hirak Ray :Volatility Effect on Correlation, (with M.K.Roy and T.Roy), Asian Journal of Research in Business Economics and Management, ISSN 2250-1673 ,April,2014
10. S.N. Dhar : Effective Corporate Tax Rates and Role of Accelerated Depreciation Allowance in India, co-authored with G. Ghosh, ANWESHAN, Vol3(1), March 2015, ISSN 2321-0370
11. Ajit.K. Ray : Globalisation, Growth, Poverty and Inequality: Perspectives from Eastern Europe and South Asia. ANWESHAN, Vol3(1), March 2015, ISSN 2321-0370
12. Palas R. Sengupta with A. Adhikary : Relationship between Organizational Role Stress and Stress Cosequences: A Study among Postal Employees in West Bengal. ANWESHAN, Vol3(1), March 2015, ISSN 2321-0370
13. Debasis Bhattacharya : Store Loyalty Behavior of Urban Shoppers: A Cluster Analytic Approach , IMPACT: International Journal of Research in Humanities, Arts and Literature Vol 4 sent for acceptance for September Issue-ISSN 2347 4564 ,Sept. 2014
14. Debasis Bhattacharya: Comparative Assessment of Perceived Service Quality of Private Sector Banks: A Factor Score regression Model Approach, Paripex: Indian Journal of Research accepted for September Issue- ISSN - 22511991 ,Sept. 2014
15. Debasis Bhattacharya: Customer Perception Towards Public and Private Sector banks: A Binary Logistic Regression Model, Indian Journal of Applied Research (IJAR) accepted for September Issue- ISSN - 2249-555X , Sept. 2014
16. Debasis Bhattacharya: Comparative Assessment of Service Provided by Private and Public Sector Banks: A Multivariate Analysis, Global Journal of Research Analysis (GJAR) accepted for September Issue- ISSN - 22778160 , Sept 2014
17. Debasis Bhattacharya: Retailing in India: Current Scenario, SIT Journal of Management, Vol. 1(1), Print ISSN: 2349 6984, July, 2014

18. Debasis Bhattacharya: Linking Commitment and Job Satisfaction of Social Service Employees of Regional Nonprofit Organizations, Indian Journal of Applied Research (IJAR) Volume : 4 | Issue : 2 | Feb 2014 | ISSN - 2249-555X February, 2014
19. Debasis Bhattacharya: Evaluation of Store Patronage Behavior of Shoppers: A Multivariate Approach, Indian Journal of Applied Research (ISSN - 2249-555X), Vol.4 No. 4, pp 89-91, April, 2014
20. Debasis Bhattacharya: Investigating the Impact of Locus of Control on Customer Orientation Behavior of Sales Personnel in Services Sector, APJMRI (Sage Journal, ISSN: 2319 510X) Vol. 9 No. 3, pp 283–289, April, 2014

12. Other Information

Journal Published from Department: ANWESHAN, Vol3(1), March 2015, ISSN 2321-0370

(Note : Details of Conferences, Seminars and Publications are compiled only on the basis of information provided to the Head of the Department by some faculty members in response to notifications issued for provision of such information.)

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
1	J. Sankrityayana	-	-
2	Dr. K. K. Bagchi	-	-
3	Dr. Anil Bhumali	-	-
4	Dr. Sanchari Roy Mukherjee	-	-
5	-	Ms. Sudakshina Ray	-
6	-	Dr. K. Datta	-
7	-	-	Mr. T. R. Majumdar
8	-	-	Dr. G. Choudhury
9	-	-	Mr. Karan Tamang

5. Name of the Research Scholars:

Sl. No.	Name	Status of the Scholars	Remarks
1.	Diwas Dukpa	Rajiv Gandhi Fellow	UGC
2.	Sangeeta Yonzon	Rajiv Gandhi Fellow	UGC
3.	Rajendra Mistri	Rajiv Gandhi Fellow	UGC
4.	Sheela Karjee	Rajiv Gandhi Fellow	UGC
5.	Yankey Sherpa	Rajiv Gandhi Fellow	UGC
6.	Edgar Clement Mukhia	Maulana Azad National Fellowship for Minority Student	UGC
7.	Mamta Gurung	Maulana Azad National Fellowship for Minority Student	UGC
8.	Dr. Minakshi Das	ICSSR Post- Doctoral Fellow	ICSSR
9.	Archana Tamang	Maulana Azad National Fellowship	UGC

		for Minority Student	
10.	Mr. Bimal Sarkar Assistant Professor	Scholar under FDP Scheme	Mr. Bimal Sarkar Assistant Professor

6. Name of the Project Fellow : NA

7. Name of the Non-Teaching Staff : a) Shri. Nayanjyoti Das Roy
(Jr. Assistant cum typist)
b) Smt. Dolly Dey (Record Suplier)

8. Students Strength :

		Male	Female	Total
Part - I	1 st Sem.			
	2 nd Sem	15	15	30
Part - II	3 rd Sem			
	4 th Sem	11	13	24

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

Name of the Teacher	Name of the Seminar/ Conference	Venue & Date	Titled of the Paper presented
Prof. Jeta Sankrityayana	The Borderlands of North Bengal: Focus on Nepal	Department of Economics, University of North Bengal on 7 th April, 2014	Genesis of Nepal Studies: The Forgotten Legacy of Brian Hodgeson
	21 st University-level Workshop on Research Methodology and Applications	27 -28 March 2015, Department of Economics	Resource Person
	Bottlenecks in Regional Development: Sectoral and Institutional Focus on Eastern & North eastern India	Department of Economics, University of North Bengal, 26 th March, 2015	Special Lecture on Borderlands Development Prospective

Prof. Anil Bhumali	21 st University-level Workshop on Research Methodology and Applications	27 -28 March 2015, Department of Economics	Resource Person
	The Borderlands of North Bengal: Focus on Nepal	Department of Economics, University of North Bengal on 7 th April, 2014	Resource Person
	Bottlenecks in Regional Development: Sectoral and Institutional Focus on Eastern & North eastern India	Department of Economics, University of North Bengal, 26 th March, 2015	Resource Person
Prof. Kanak Kanti Bagchi	The Borderlands of North Bengal: Focus on Nepal	Department of Economics, University of North Bengal on 7 th April, 2014	Presided over the inaugural function
Kanak Kanti Bagchi	22 nd West Bengal Science & Technology Congress	1 st March, 2015 hosted by the Department of Chemistry, University of North Bengal	Chaired a combined session on: 'Intellectual Property Rights and Educational Entrepreneurship' & 'Entrepreneurship Skill Development in West Bengal'
Kanak Kanti Bagchi	University Industry Linkages Programme -- 2015	University of North Bengal at Conference Hall on 3 rd March, 2015	Participated without any paper
Kanak Kanti Bagchi	Bottlenecks in Regional Development: Sectoral and Institutional Focus on Eastern & North eastern India	Department of Economics, University of North Bengal, 26 th March, 2015	Role of Equal Opportunity in Educational Attainments: A Case Study of West Bengal
Kanak Kanti Bagchi	Development, Backwardness and Communities in North Bengal	Department of Sociology, University of North Bengal, 27 th March,	The Rural Urban Scenario in Educational Opportunities and Outcomes with Special Reference to Higher Education

		2015	of Scheduled Caste Students of North Bengal (jt. Paper)
Kanak Kanti Bagchi	21 st University-level Workshop on Research Methodology and Applications	27 -28 March 2015, Department of Economics	Resource Person
	The Borderlands of North Bengal: Focus on Nepal	Department of Economics, University of North Bengal on 7 th April, 2014	Resource Person
	Bottlenecks in Regional Development: Sectoral and Institutional Focus on Eastern & North eastern India	Department of Economics, University of North Bengal, 26 th March, 2015	Resource Person
Prof. Sanchari Roy Mukherjee	Regional Symposium on <i>The Borderlands of North Bengal: Focus on Nepal</i>	Department of Economics, North Bengal University, 7 April 2014	Symposium Director
	The Borderlands of North Bengal: Focus on Nepal	Department of Economics, University of North Bengal on 7 th April, 2014	Resource Person
	21 st University-level Workshop on Research Methodology and Applications	27 -28 March 2015, Department of Economics	Resource Person
	Bottlenecks in Regional Development: Sectoral and Institutional Focus on Eastern & North eastern India	Department of Economics, University of North Bengal, 26 th March, 2015	Seminar Co-ordinator
Ms. Sudakshina	Regional Symposium on <i>The Borderlands of</i>	Department of Economics, North	Resource Person

Ray	<i>North Bengal: Focus on Nepal</i>	Bengal University, 7 April 2014	
	Bottlenecks In Regional Development: Sectoral And Institutional Focus On Eastern & North Eastern India	National Seminar, Department of Economics, University of North Bengal 26 -27 April 2015	Resource Person
	The Borderlands of North Bengal: Focus on Nepal	Department of Economics, University of North Bengal on 7 th April, 2014	Resource Person
	21 st University-level Workshop on Research Methodology and Applications	27 -28 March 2015, Department of Economics	Resource Person
	Bottlenecks in Regional Development: Sectoral and Institutional Focus on Eastern & North eastern India	Department of Economics, University of North Bengal, 26 th March, 2015	Resource Person
Kanchan Datta	(i)UGC Sponsored National Seminar on Micro Finance in India: Issues and Challenges With Special Reference to North –Eastern States.	Organized by Mankachar College, Dist. Dhubri, Assam ,25 th & 26 th April , 2015	Women Empowerment through SHG in Char Areas with Special Reference to Dhubri District of Assam.
	21 st University-level Workshop on Research Methodology and Applications	27 -28 March 2015, Department of Economics	Resource Person
	The Borderlands of North Bengal: Focus on Nepal	Department of Economics, University of North Bengal on 7 th April, 2014	Resource Person

	Bottlenecks in Regional Development: Sectoral and Institutional Focus on Eastern & North eastern India	Department of Economics, University of North Bengal, 26 th March, 2015	Resource Person
Mr. G. Choudhury	BOTTLENECKS IN REGIONAL DEVELOPMENT: SECTORAL AND INSTITUTIONAL FOCUS ON EASTERN & NORTH EASTERN INDIA	National Seminar, Department of Economics, University of North Bengal 26 -27 April 2015	<i>Forest conservation and policy: examining forest tenure in Eastern Himalayan region of Nepal & India</i>
	Re-imagining Human-Nature Relationship: focusing North Bengal	National Seminar, Salesian College, Siliguri 21-22 November 2014	Tribal Community, land tenure and natural resource conservation in Himalayan and Sub-Himalayan North Bengal
	THE BORDERLANDS OF NORTH BENGAL: FOCUS ON NEPAL	Regional Symposium Department of Economics, University of North Bengal 7 April 2014	Forest enclosures, people and policy: Comparative Trends in Nepal & North Bengal
	The irrigation-hydropower nexus in the Ganga Headwaters (HI-NEX)	International Workshop, People's Science Institute, Dehradun 18-20 February, 2015	LAND, WATER, GENDER & LIVELIHOOD LINKAGES IN SUB-HIMALAYAN REGION OF THE EASTERN GANGETIC PLAINS
	21 st University-level Workshop on Research Methodology and Applications	27 -28 March 2015, Department of Economics	Resource Person
	Bottlenecks in Regional Development: Sectoral and Institutional Focus on Eastern & North eastern India	Department of Economics, University of North Bengal, 26 th March, 2015	Resource Person
Mr. Tamash Ranjan Majumdar	ICSSR sponsored National Conference on Interrogating Development: Regional and Sub-regional	29 th – 30 th March	Invited lecture on Efficiency performance of Tea Small holdings in North Bengal In the Post-liberalisation Period – A Study with DEA

	Trends in India in the Era of Globalisation organized by St. Joseph's College, Darjeeling		
Mr. Karan Tamang	21 st University-level Workshop on Research Methodology and Applications	27 -28 March 2015, Department of Economics	Intra-Industry Trade: Making Sense of IIT and its Measures.
	The Borderlands of North Bengal: Focus on Nepal	Department of Economics, University of North Bengal on 7 th April, 2014	Resource Person
	Bottlenecks in Regional Development: Sectoral and Institutional Focus on Eastern & North eastern India	Department of Economics, University of North Bengal, 26 th March, 2015	Resource Person

10. Organized Seminar/ Conferences:

Name of the Seminar/ Conference	Date of the Seminar/ Conference
Regional Symposium on <i>The Borderlands of North Bengal: Focus on Nepal</i>	Department of Economics, North Bengal University, 7 April 2014
National Seminar on BOTTLENECKS IN REGIONAL DEVELOPMENT: SECTORAL & INSTITUTIONAL FOCUS ON EASTERN & NORTH EASTERN INDIA	Department of Economics, North Bengal University, 26-27 March 2015
21 st University-Level Training & Research Methodology Workshop	Department of Economics, North Bengal University, 27-28 March 2015

11. Publications:

Name of the Author	Name of the Book/ Journal/ Volume	Year of Publication	Name of Publisher
Prof. Anil Bhuijali with Sanchari Roy Mukherjee and Sudakshina Ray	<i>Women in Development</i> (edited book)	2014	North Bengal University Press
Prof. Anil Bhuijali	Rural Women in Development in Bhuijali et al (ed.) <i>Women in Development</i>	2014	North Bengal University Press
Prof. Anil Bhuijali with Papri Das Mahalanobis (Mitra)	Findings on Socio-Economic Status of Domestic Helps – A Case Study of Cooch Behar Municipality in Bhuijali et al (ed.) <i>Women in Development</i>	2014	North Bengal University Press
K. K. Bagchi & Bhajan Chandra Barman	‘Microfinance and Financial Inclusion in Nadia District, West Bengal’ in Tripathy, S. N. (ed), Dynamics of Self Help Groups, Micro Finance and Financial Inclusion	2015	Abhijit Publications, New Delhi.
K. K. Bagchi & Ratul Saha	‘Variations in Physical Performance of SHGs – A Study of West Bengal’ in Tripathy, S. N. (ed), Dynamics of Self Help Groups, Micro Finance and Financial Inclusion	2015	Abhijit Publications, New Delhi.
Prof. Sanchari Roy with Prasanta Basak	“Differential Literacy Attainment of the Blocks of Uttar Dinajpur District”, (jointly with Prasanta Basak), Journal of Educational Planning and Administration Volume XXVIII, No. 4, pp. 345-366	October 2014	
Sudakshina Ray with Anil Bhuijali, & Sanchari Roy Mukherjee	<i>Women in Development</i> (edited book)	2014	North Bengal University Press, ISBN – 978-93-

			81757-13-0
Sudakshina Ray with Anil Bhumali, Partha Sarathi Chakraborty and Swapan Kumar Rakshit	Women in Decision Making – A Reflection from the Grassroots in Bhumali et al (ed.) <i>Women in Development</i>	2014	North Bengal University Press, ISBN – 978-93-81757-13-0
Kanchan Datta (Co-author: Subhasis De),	‘Multidimensional Poverty index of Totos-The smallest and Primitive tribe in Jalpaiguri District of West Bengal’,	December, 2014,	<i>Economic Affairs</i> , Volume 59, Issue 4, Print ISSN: 0424-2513, Online ISSN: 0976-4666,
	“Forecasting of Rice Production in North –East States of India”, Manthan, Journal of Commerce and Management,	January-June 2014	PUBLISHED BY Journal Press India, Vol-1, Issue-1, Page No. 142-158, ISSN:2347-4440
Mr. Tamash Ranjan Majumdar	Productivity and Technical Efficiency of Small holding Tea Plantation in North Bengal – A DEA Analysis,	2015	Anweshan, an annual research journal published by the Post Graduate Department of Commerce, University of North Bengal

12. Research Projects (Major& Minor):

Minor Research Project			
Name of Teacher	Title of the Scheme Project	Sanctioning Authority	Sanctioned Amount
Prof. Sanchari Roy Mukherjee	Cross-Border Migration in West Bengal: A Comparative Study of Rehabilitation and Resettlement of Cross-border Migrants in Siliguri (SMCA) and Rural Uttar Dinajpur	University of North Bengal	Rs. 50,000.00
Ms. Sudakshina Ray	Women’s Livelihood and the Microcredit Initiative: An Inter-District Profile of West Bengal	University of North Bengal	Rs. 50,000.00

13. Visiting Fellow:

Name of the Visiting Fellow	Duration
Prof. Sibransan Mishra Viswa Bharati	10 days in August, 2014
Prof. V. K. Ramachandran	10 days in December, 2014

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 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:

Professor	Associate Professor	Assistant Professor
G.N. Roy	C. Laha	R. Ghosh
S. Samanta	B.P. Ray	
A. Sengupta		

5. Name of the Research Scholars:

- a. Pinaki Ranjan Das (State – JRF)
- b. Subashish Bhattacharjee (UGC – JRF)
- c. 31 others are private research scholars
- d. Mandika Sinha (UGC – JRF) (Resigned in late 2014)

6. Name of the Project Scholars: NIL

7. Name of the Non-Teaching Staff:

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

8. Students Strength:

Students		Male	Female	Total
Part – I	Ist Sem (NBU+JAL)	28+13	55+21	117
	IInd Sem			
Part – II	IIIrd Sem (NBU + JAL)	12+7	49+9	77
	IVth Sem			

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

10. Organised Seminar / Conferences:

Name of the Seminar /Conferences	Date of the Seminar/Conferences
“South Asia: Literature and Performance”	15 – 16 December, 2014
“Literature and Environmental” (Jalpaiguri Campus)	30 March, 2015

11. Publication:

Name of the Author	Name of the Book/Journal/Volume	Year of Publication
Professor Ashis Sengupta	Mapping South Asia through Contemporary Theatre (Ed.) (Palgrave Macmillan)	2014
Professor Girindra Narayan Ray	Writing Difference (Ed.)	2014
Professor Soumyajit samanta	James Joyce	2014
Mr. Bishnupada Ray	i. "Exiled Among Natives" in Brown Critique	2014
	ii. "Caged Vision and the Creative Breakthrough" in Brown Critique	2014
	iii. "A Tribute to Rabindranath" in Brown critique	2014
	iv. "Man in the Botanical Garden" in Reviews	2014
	v. "Verses from Necropolis" in Muse India	2014
	vi. "Through the veil of Neurosis" in Muse India	2015
Dr. Ranjan Ghosh	"The Figure that Robert Frost's Poetics Make" in Singularity and Transnational Poetics (Routledge)	2015

12. Research Projects (Major and Minor): NIL

13. Visiting Fellow: NIL

14. Awards Received : NIL

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is essential for ensuring transparency and accountability in the organization's operations.

2. The second part outlines the various methods and tools used to collect and analyze data. This includes the use of surveys, interviews, and focus groups to gather qualitative information, as well as the application of statistical techniques to quantitative data.

3. The third part describes the process of identifying and measuring key performance indicators (KPIs). It highlights the need to select indicators that are relevant to the organization's strategic goals and to establish clear targets and benchmarks for these indicators.

4. The fourth part discusses the challenges and limitations of data analysis. It notes that while data provides valuable insights, it is not infallible and can be subject to various biases and errors. Therefore, it is crucial to interpret the results of data analysis with caution and to consider the context in which the data was collected.

5. The fifth part concludes by summarizing the key findings of the study and providing recommendations for future research. It suggests that further exploration of the relationship between the variables studied is needed to better understand the underlying mechanisms and to develop more effective strategies for improving organizational performance.

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is essential for ensuring transparency and accountability in the organization's operations.

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:

Associate Professor : Dr. Manisha Jha

Asstt. Professor : Dr. Sunil Kr. Dwivedi

5. Name of the Research Scholar/s: Sri Santosh Kr. Gupta (University Research Fellow)
6. Name of the project Scholar/s: NIL
7. Name of Non-teaching staff:
Sri Surendra Kr. Mahato- Sr. Asstt.
Smt. Jasinta Oraon- Jr. Peon
8. Student strength

Students	Semester	Male	Female	Total
Part-I	1 st Semester	08	17	25
	2 nd Semester	08	17	25
Part-II	3 rd Semester	04	09	13
	4 th semester	04	09	13

9. Seminar/Conferences attended:

Name of the teacher	Name of the Seminar/ Conferences	Venue & date	Title of the paper presented
Dr. Manisha Jha	1. Workshop	United Bank of India, Siliguri. 01.08.2014	Rajbhasha: Chunautiyan
	2. Refresher Course in women's studies	UGC-ASC, NBU 18.11.14	Women society & crime
	3. Nine lectures in orientation programme.	UGC-ASC, NBU 10,11-12,16.12.2014	Religious conversion and society, Gender discrimination
	4. Two lectures in Refresher Course in philosophy.	UGC-ASC, NBU 17.01.15	Philosophy of Munshi Premchand
	5. Two Lectures in Refresher	UGC-ASC, NBU 11.02.2015	Samkalin Hindi Kavita

	Course in Hindi		
	6. Refresher Course in History	UGC-ASC, NBU 19.01.2015	mein Stri Vimarsh. Women in Vedic Literature.
	7. Refresher Course in Hindi	UGC-ASC, Calicut University 19.03.2015	Paryavaran Vimarsh Aur Kavita
	8. UGC-Sponsored National Seminar	Hindi Deptt., NBU 10.03.2015	Samkalin Hindi Upanyas mein Samay Aur Samaj
	9. National Seminar	Morigaon College, Assam 30.03.2015	Bhartiya Samaj aur sanskriti
Dr. Sunil Kr. Dwivedi	1. UGC-Sponsored National Seminar.	Hindi Deptt., NBU, 10-11 March 2015	Samkaleen Hindi Upanyas Mein Samay Aur Samaj
	2. UGC-Sponsored National Seminar.	Hindi Deptt., North Eastern Hill University, Shillong, 27-28 March, 2015	Sahityik Patrakarita: Sankat Aur Chunautiyan
	3. Kendriya Hindi Sansthan, Agra sponsored National Seminar	Hindi Deptt., Morigaon College, Morigaon, Assam, 30 th March, 2015	Bharatiya Sahitya- Sanskriti: Ateet Aur Vartman

10. Organized seminar/Conferences :

Name of the Seminar/Conference	Date of the Seminar/Conference	Remarks
1. UGC Sponsored National Seminar	10-11.03.2015	
2. Refresher Course in Hindi	04-24 Feb. 2015	

11. Publication:

Name of the Author	Name of the Book/ Journal/ Volume	Year of Publication
Dr. Manisha Jha	1. Sahitya ki Samvedna (Book) Anand Prakashan, Kolkata	2014
	2. Mahadevi ki Kavita (Chapter in Book) Mahadevi Verma Smriti Granth	2014

	3. Dhoomil Ki Kavita mein stree Aksar, Rajasthan	2014
Dr. Sunil Kr. Dwivedi	1. Vaishwikaran Ki Aandhi Mein Hindi Kahani Se Gayab Hota Manushya (Book) Title of Paper- Aaj Ki Kahani Se Gayab Hota Manushya (ISBN-978-81-921414-7-3) 2. Samvet-03 Title of the Paper- Adivasi Jeevan Par Kendrit Hindi Upanyason Mein Stree- Paksha (ISSN- 2321-6131) 3. Samvad-09 Title of Paper- 'Usne Kaha Tha' : Punarmoolyankan Se Apekshayen (ISSN-2231-0525)	June, 2014 July, 2014 Feb./March, 2015

12. Research Projects:

Major Research Project: NIL

Minor Research Project: '

Title of the Scheme Project	Sanctioning Authority	Status
Departmental Research Project of Hindi Deptt., NBU. (F.Y.- 2014-2015) 1. Aaj Ki Hindi Kahani Mein Aam Aadami	University of North Bengal	Submitted by Dr. Sunil Kumar Dwivedi on March, 2015

13. Visiting Fellow: NIL

14. Any other information: Award Received

Prasashti-, Hindi Bhasha Seva Samman, Town official language implementation Committee, Siliguri, 2014,
received by Dr. Manisha Jha.

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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	Associate Professor	Assistant Professor
1. Professor Ichhimuddin Sarkar	1. Dr. Anita Bagchi 2. Dr. Bijay Kr. Sarkar	1. Kaushik Bandyopadhyay(Absent) 2. Dr. Sankar Kr. Das 3. Dr. Sudash Lama 4. Varun Kr. Roy 5. Dr. Dahlia Bhattacharya

5. Name of the Research Scholars :

Name	
Sri Dipankar Sarkar	UGC-JRF
Smt. Supriya Biswas	UGC-Teacher Fellow

6. Name of the Project Scholars :

Name	
Babika Khawas	ICSSR, Research Supervisor
Avijit Sutradhar	ICSSR, Research Supervisor
Bhiraj Chettri	ICSSR, Research Investigator
Subhankar Paul	ICSSR, Research Investigator
Utpal Mondal	ICSSR, Research Investigator
James Minj	ICSSR, Research Investigator

Prodip Mondal	ICSSR, Research Investigator
Tapan Roy	ICSSR, Research Investigator
Faruk Ahmed	ICSSR, Research Investigator
Salim Mia	ICSSR, Research Investigator
Cyprianus Kujur	ICSSR, Research Project Office Assistant
Tufan Yelmo	ICSSR, Research Project Peon
Subhraprakash Goswami	ICSSR, Research Investigator(Contractual)
Sujit Biswas	ICSSR, Research Investigator(Contractual)
Madhusudan Paul	ICSSR, Research Investigator(Contractual)
Subla Kachap	ICSSR, Research Investigator(Contractual)

7. Name of the Non-Teaching Staff :

Name	Designation
Sri Manoj Kumar Ray	Senior Assistant
Sri Gopal Das	Senior Peon

8. Students Strength:

Students		Male	Female	Total
Part-I	1 st Semester	55	34	89
	2 nd Semester	48	33	81
Part-II	3 rd Semester	48	34	82
	4 th Semester	41	25	66

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
Dr. Anita Bagchi			
Prof. I. Sarkar			
Sankar Kr. Das			
Dr. Bijay Kr. Sarkar			
Sudash Lama			

Dahlia Bhattacharya			
Varun Kumar Roy			

10. Organized Seminar / Conferences :

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

11. Publication : Enclosed separate sheet

Name of the Author	Name of the Book/Journal/Volume	Year of Publication
	Enclosed separate sheet	

12. Research Projects (Major & Minor) : Enclosed Separate sheet

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

13. Visiting Fellow :

Name of the Visiting Fellow	Duration
1.	

14. Any other information

Sl. No.	SPECIAL LECTURE	TOPIC	DATE
01.			

(Dr. Bijoy Kumar Sarkar)
 Head
 Department of History
 University of North Bengal

PAPER PUBLICATION:

1. Sarkar, Bijoy Kumar, "Vaishnavism in North Bengal in the Gupta Period: An Epigraphical Study", Historical Writings 2014, Itihas Academy-Dhaka.
2. Sarkar, Bijoy Kumar, "State, Power and Ethics of Governance: A Kamata-Koch Experience," Karatoya (North Bengal University Journal of History), Vol. 7, 2014.
3. Sarkar, Bijoy Kumar, "Underdevelopment of the Underdeveloped: Changing Perspective of the Chain Community in West Bengal," The International Journal of Humanities and Social Studies, Vol. 2 Issue 7, July 2014.
4. Sarkar, Bijoy Kumar, "Who are the Chains? A Historical Quest", Historical Writings, 2015, Itihas Academy-Dhaka.
5. Sarkar, Bijoy Kumar, "Worship of Balarama in Cooch Behar: Historical Study", Journal of the Asiatic Society of Bangladesh (Humanities), Vol. 59, No.1 (Accepted).
6. Sarkar, Bijoy Kumar, "Aspects of Buddhism in Early Chittagong", Global Journal of History and Culture, Vol. 1, No. 1, 2015.

Presentation of papers along with titles in academic Seminar/Conference/Workshop

1. Presented a paper titled "Socio-Economic Condition and Human Rights Issues of the Chain: a Depressed Community of West Bengal, India" in the IUAES (International Union of Anthropological and Ethnological Sciences) 2014 Inter-Congress held in Chiba City, Greater Tokyo Japan on May 14-18, 2014.
2. Presented a paper entitled " Neo-Vaishnavism in Kamata-Koch Kingdom: Early Phase of Consolidation (1587-1627)", in the 35th Three-day annual conference of North East India History Association (NEIHA) held from November 10-12, 2014 at Gargaon College, Sivsagar, Assam.
3. Presented a paper titled " Indo-Bhutan Relations with special reference to the Treaty of Friendship, 1949: A Critical Study" in the 2-day International Level Seminar on Indo-Bhutan Relations through the centuries organized by Nani Bhattacharya Smarak Mahavidyalaya, Jaigaon, Alipurduar on 23-24 December, 2014.

4. Presented a paper entitled "Peeping into the condition of Chain Women as reflected in Marriage Songs" in the UGC-sponsored National Seminar on Women, Patriarchy and gender: Deconstruction and Reconstruction of History (India and Abroad), 13-14 March, 2015, organized by History Department, North Bengal University.
5. Presented a paper entitled "Was the Great war only negative for India? A Critical Review" in the West Bengal Council of higher Education-sponsored State Level Seminar on Looking Back at the First World War: 100 Years Later, 18 March, 2015, organized by History Department, Dewanhat Mahavidyalaya in collaboration with Mathabhanga College and Baneswar Sarathibala Mahavidyalaya.
6. Presented a paper entitled "Kshatriya as depicted in the Vedic Literature vis-à-vis the Rajbanshi Kshatriya Issue" in the UGC-sponsored National Seminar on A Critical assessment of the Kshatriyanization Movement of the Rajbanshi Society and the Role of Panchanan Barma, 24-25 March, 2015, organized by History Department, Vivekananda College in collaboration with Alipurduar College.
7. Presented a paper entitled "Recent Trends in Indian Historiographical Thought and Writing and History of North Bengal" in the international Conference on Modern Trends in Social and Basic sciences (MTSBS-2015), 27-28 March, 2015, organized by Alipurduar College.

Dr. S.K.Das

Assistant Professor, Department of History, NBU

S.No.	Title with page nos.	Journal	ISSN/ISBN No.	Whether peer reviewed. Impact Factor, if any
1	<i>Mukundarame Bangla Samaj</i> , pp.150-153.	Abahaman, Vol.-5-6, No.-6-7, July-June, 2013-2014, Corpus Research Institute, Kolkata.	2231-461X ABAHAMAN	Refereed
2	Surya Sen and the Chittagong Uprising of 1930, pp.122-124.	Central India Journal of Historical and Archaeological Research, Vol.3, October-December 2014.	2277-4157	Peer reviewed & International

Ongoing and Completed Research Projects and Consultancies

(a) (i & ii) Ongoing Projects / Consultancies

S.No.	Title	Agency	Period	Grant/Amount Mobilized (Rs. Lakh)
1	Rajnarain Bose: A Study of His Ideas and Activities	University of North Bengal	April 2014 – March 2015.	50000/-
2	The Contai People in the Struggle for Freedom (1905-1935)	UGC	April 2013 -- September 2014	85000/-
	Total			1,35,000/-

Papers presented in Conferences, Seminars, Workshops, Symposia

S.No.	Title of the Paper presented	Title of Conference/Seminar	Organized by	Whether international/national/state/regional/college or university level
1	<i>Bhagchasi Andolane Kanthi.</i>	XXX Annual Conference of the Paschimbanga Itihas Samsad	Paschimbanga Itihas Samsad, Kolkata, January 24-26, 2014.	International
	Total			

Dr. Anita Bagchi
Associate Professor, University of North Bengal

Publications

(b) Books

2015

Bagchi, A. (Ed.), 2015, *Omnibus of North Bengal: The History and Culture of the Hills and the Plains*, B. R. Publishing Corporation, New Delhi, ISBN: 9789350502044 (set of 2 vols.).

In Edited Proceedings of National and International Seminars/Conferences etc.

2015 (January)

Bagchi, A., 2015 (January), Sectional President's Address in Ancient Indian History Section "Prachin o Adimdhayugio Bharote Vrikshayurved Charcha: Utsha o Pragoti" in M. Chattopaddhayay edited peer reviewed volume *Itihas Anusandhan – 29*, ISBN: 978-81-910874-5-1.

Invited Lectures at national or international conference/seminar etc.

2014

"Keynote Lecture" in National seminar on "Cultural Plurality and Nation Making in India: Problems in Retrospect – (Focus on Eastern and North-Eastern India)" held on 7th and 8th November 2014 at the Department of History, Shree Agrasen Mahavidyalaya, Dalkhola.

Ph.D Degree Awarded under Supervision

2015

Sri Sudash Lama (submitted in December 2013 and awarded in February 2015)

Title: From Bon to Buddhism – Social and Cultural Changes of the Tamangs.

2015

Smt. Bhawna Rai, (submitted January 2014 and awarded February 2015)

Title: History of the Darjeeling Himalayan Railway and its Socio-Economic Impact on Darjeeling (1880-1999).

Awarded 2015

Working under Supervision:

Smt. Pem Chheday Bhutia, from 04.02.2009.

Title: A Comparative Study of Socio-Cultural Life of Hill Tribes of West Bengal: With Special Reference to the Bhutias and Lepchas of Darjeeling (19th – 20th Century)

Smt. Sonjogta Bomzan, from 26.11.2013

Title: Formal and Informal Education in the Hills of Darjeeling and Sikkim with a Special Focus on Women: An Analytical Study in the Nineteenth and Twentieth Centuries.

Whole-time Scholars/ Fellows Currently Undertaking Research Under my Supervision

1. Rajat Tamang Rajib Gandhi Fellow

Dr. Dahlia Bhattacharya
Assistant Professor, Department of History
University of North Bengal

- **Phd Awarded in 2013**

University of North Bengal, Raja Rammohanpur, Siliguri, West Bengal.

Topic: *The Bengali settlers in Burma 1824-64: the economic, political and cultural impact on Burma*

M.Phil in History (Modern Indian) (2001) from the University of North Bengal

M.A. History (Modern Indian) (1999) from University of North Bengal

B.A. History (Hons) (1996) from Siliguri College under University of North Bengal

Orientation Programme/ Refresher Courses 2006-2015

- (i) Orientation Programme- UGC-ASC Jadavpur University 10.07.2006-05.08.2006.
- (ii) Refresher Course- Nov.10-30Nov. 2010 in Women Studies.
- (iii) Refresher Course: NBU-ASC Research Methodology 07.12.2012-27.12.2012.
- (iv) Refresher Course: NBU-ASC History 07.01.2015-27.01.2015.

Medals/ Honours Received

- I) University Medals Securing 1st Class 1st Position in M.A in History 1998.
- II) Sarojmohini Devi Medals for Securing 1st Position in M.A (History) Examination, 1998.

Paper Presented in Seminars/Conferences/ Symposiums

- 1 "Women in Indo-Bangladesh Border: Some Narrations and Experiences" UGC Sponsored Seminar on Women, Patriarchy and Gender Deconstruction and Reconstruction of History, N.B.U., 13th-14th March 2015.

2. “*Women in Power: The anti-liquor movement in Andhra Pradesh*” in UGC National Seminar on Women in 21st Century: Livelihood, Environment and Sustainability, held on 27th & 28th March 2015, Centre for Women’s Studies , University of North Bengal.

Articles Published in Journals /Books/Proceedings

1. “*Tracing the roots: Reflections of Indian Diaspora during the Nineteenth and Twentieth Centuries*” Indian Historical Studies, Published by PG& Research Department of History St. Joseph’s College(Autonomous), Tiruchirappalli-620002, Tamil Nadu, India. Vol. XI, No. 2, April 2015.
2. ‘*The Rajbanshi Kshatriya Movement: A study of Caste Mobility during the Colonial Times*’, in Omnibus of North Bengal: The History & Culture of the Hills and Plains, Vol. I, Edited by Dr. Anita Bagchi & Dr. Dahlia Bhattacharya , B.R. Publication, New Delhi, 2014.ISBN-9789350502044
3. *The Zenana Education and Christian Missionaries : Some Reflections of ‘White Woman’s Burden and Imperialism in Nineteenth Century Bengal*’, Accepted in Exploring History, a Journal of History , PG Section of Malda College, Malda.2015

Books/Journals

1. *Omnibus of North Bengal: The History & Culture of the Hills and PLains, Vol. I & II*, Edited by Dr. Anita Bagchi & Dr. Dahlia Bhattacharya , B.R. Publication, New Delhi, 2014. ISBN-9789350502044

Dr. Sudash Lama
Assistant Professor, Department of History,NBU

CATEGORY: III. RESEARCH, PUBLICATIONS AND ACADEMIC CONTRIBUTIONS

A) Published Papers in Journals

S.No.	Title with page nos.	Journal	ISSN/ISBN No.
1	TAMANG MUSIC AND CULTURAL IDENTITY	HIMALAYAN MISCELLANY, VOL-24, 2014	ACCEPTED

B) Articles/ Chapters published in Books

S.No.	Title with page nos.	Book Title editor & publisher	ISSN/ISBN No.
1	A HISTORICAL OBSERVATION OF TAMANG IDENTITY, pg. 137-150	HISTORY AND CULTURE OF NORTH BENGAL. VOL- II, ED BY BINAY BARMAN, BEDADYUTI BARMAN AND ABHIJIT BARMAN, CHHAYA PUBLICATION	978-93-81677-22-3
2	HIMALAYAN BON AND LAMAISTIC BUDDHISM; A CONTESTED SPACE OF RELIGION AND CULTURE, pg. 90-99	OMNIBUS OF NORTH BENGAL, THE HISTORY AND CULTURE OF THE HILLS AND THE PLAINS, VOL-1, EDITOR- ANITA BAGCHI, ASSOCIATE EDITOR- DAHLIA BHATTACHARYA, B.R. PUBLISHING CORPORATION, DELHI	9789350502044

C) Completed Projects / Consultancies

Sl.No.	Title	Agency	Period	Grant/Amount Mobilized (Rs. Lakh)
1	EDUCATIONAL STATUS OF SCHEDULED TRIBES IN WEST BENGAL: ATTAINMENTS AND CHALLENGES	ICSSR	2 YEARS w.e.f.2.5.12 to 15.10.14	□ 43,00,000/-

(D) Papers presented in Conferences, Seminars, Workshops, Symposia

S.No	Title of the Paper presented	Title of Conference/Seminar	Organized by	Whether international/national/state/regional/college or university level
1	TRADITIONAL	SEMINAR CUM WORKSHOP ON	CENTER FOR STUDIES IN	INTERNATIONAL

	KNOWLEDGE OF THANKA PAINTING AMONG THE TAMANG	INDIGENOUS KNOWLEDGE	LOCAL LANGUAGES AND CULTURES, NBU, MARCH, 19 TH -20 TH , 2014	
2	DAMPHU AND ETHNIC IDENTITY OF TAMANG	WORKSHOP ON TAMANG DAMPHU	JOINTLY ORGANISED BY CENTER FOR STUDIES IN LOCAL LANGUAGES AND CULTURES, NBU, AND JALPAIGURI DOORDARSHAN KENDRA, JAN, 30 TH -1 ST FEB, 2014	REGIONAL
3	ENVIRONMENT AS REFLECTED IN TAMANG RELIGIOUS BELIEF	ENVIRONMENTAL HISTORY OF NORTH BENGAL AND ADJACENT REGIONS: CONTESTED ISSUES AND EMERGING PERSPECTIVE	DEPARTMENT OF HISTORY NORTH BENGAL UNIVERSITY, 21 ST - 22 ND MARCH, 2014	INTERNATIONAL

(E) Invited Lectures and Chairmanships at national or international conference/seminar etc.

S.No.	Title of Lecture/Academic /session	Title of Conference/Seminar etc.	Organised by	Whether international/national
1	THE CULTURAL	CULTURAL	DEPT. OF HISTORY,	NATIONAL

	IDENTITY OF TAMANG AND NATION MAKING	PLURALITY AND NATION MAKING IN INDIA: PROBLEMS IN RETROSPECT	SHREE AGRASEN MAHAVIDYALAYA, DALKHOLA, 7 TH – 8 TH NOV, 2014	
2	CHAIRPERSON OF ACADEMIC SESSION	CULTURAL PLURALITY AND NATION MAKING IN INDIA: PROBLEMS IN RETROSPECT	DEPT. OF HISTORY, SHREE AGRASEN MAHAVIDYALAYA, DALKHOLA, 7 TH – 8 TH NOV, 2014	NATIONAL
3	CULTURE IN THE CHANGING WORLD: LIVING WITH MULTIPLE IDENTITIES	1 ST PRABAN NATH BARGAYARY MEMORIAL LECTURE	NATIONAL INSTITUTE OF BODOLOGY, KOKRAJHAR, 21.09.2014	NATIONAL

CURRICULUM VITAE



VARUN KUMAR ROY

DESIGNATION- ASST. PROFESSOR

PROFESSIONAL ADDRESS

Department of History

University of North Bengal

District- Darjeeling

Phone No: 9531561200

E-mail- varun.unb@gmail.com

roy.k.varun@gmail.com

RESEARCH INTEREST

Urban History/Early Modern History /Medieval Indian History/ women studies/ Philosophy of History/ Tribal History/
Regional History

TEACHING EXPERIENCE

Post-Graduation –

1. Department of History, University of North Bengal, West Bengal since March 12th, 2008 till date.

Under-Graduation-

2. HANS RAJ COLLEGE, UNIVERSITY OF DELHI, DELHI, 25 /10/2007 TO 20/11/2007
3. SHIVAJI COLLEGE, UNIVERSITY OF DELHI, DELHI, 21/11/2007 TO 11/03/2008

ODL TEACHING EXPERIENCE:

1. More than 5 years teaching experience along with evaluation of answer scripts of OPEN AND DISTANCE LEARNING students at Directorate of distance Education, University of North Bengal.

PAPER PRESENTATION AND PARTICIPATION IN INTERNATIONAL AND NATIONAL SEMINAR :

1. Participated and presented a paper entitled –“*Historicizing The Body: Women In Provincial Bengal*”, in an International Seminar on ‘WOMEN IN CONTEMPORARY INDIA :ISSUES AND CHALLENGES,’ organized by Centre of Women Studies, University Of North Bengal , 29th March-30th March, 2013

LIST OF PUBLICATIONS:

1. “*The dynamics of changing tribal population in the BarindBhumi of Malda (Late 19th and early 20th century)*”, Omnibus of North Bengal , ed., Dr. A. Bagchi and Dr. D. Bhattacharya, B.R. publication, New Delhi, 2015

AWARDS /HONOURS

1. S.C.E.R.T SCHOLAR
2. NTSE SCHOLAR (NATIONAL TALENT SEARCH EXAMINATION SCHOLAR), CONDUCTED BY N.C.E.R.T, DELHI.
3. UGC-NET DEC 2005

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
Proferssor(Contractual)**

Sr. Lecturer/Lecturer/Asst.

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	Late. Prof. B. P. Dwivedi [Professor]	2	Ms. Sangeeta Mandal[Assistant Professor Full Time Contractual]
3	Dr. Rathin Bandyopadhyay[Associate Professor]	3	Dr. Om Prakash Sharma[Assistant Professor Full Time Contractual]
4	Dr. Sujit Kumar Biswas[Assistant Professor]	4	Ms. Sanyukta Moitra[Assistant Professor Full Time Contractual]
5	Dr. Narender Nagarwal[Assistant Professor]	5	Ms. Soma Dey Sarkar[Assistant Professor Full Time Contractual]
		6	Mr. Tanwir Arshed[Assistant Professor Full Time Contractual]
		7	Md. Maazul Haque[Assistant Professor Full Time Contractual]
		8	Mr. Sanjay Dutta[Assistant Professor PartTime Contractual]
		9	Ms. Taniya Basu Mazumdar[Assistant Professor PartTime Contractual]
		10	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 (one)
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	Daily Wage Worker(Grade-III)
7. Mr. Bhaskar Pal	Daily Wage Worker(Grade-III)
8. Mr. Anjan Choudhury	Jr. Peon
9. Mr. Bechan Mallick	Daily wage Sweeper(Grade-IV)

8. Student Strength- 2014-15

Students	Male	Female	Total
Part-I 1 st Sem.	07	20	27
2 nd Sem.	07	20	27
Part-II 3 rd Sem.	08	09	17
4 th Sem	08	09	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 2014-15

Name of the Research Scholars

2014-15

Sl. No.	Name of Research Scholars	Status
1	Abhijit Deb	Registered
2	Ajay Pradhan	Registered
3	Avishek Chakraborty	Registered
4	Chandrani Das	Registered
5	Debjit Saha	Registered
6	Dipankar Debnath	Registered
7	Krishna Ghosh	Registered
8	Navin Barik	Ph.D. Awarded
9	Om. Prakash Sharma	Ph.D. Awarded
10	Pranay Kumar Rai	Registered
11	Priya Roy	Registered
12	Ripon Bhattacharjee	Thesis Submitted
13	Sangeeta Chatterjee	Registered
14	Sangeeta Mandal	Registered
15	Satarupa Ghosh	Thesis Submitted
16	Sambhu Prasad Chakraborty	Registered
17	Karma Dorjee Denzongpa	Registered
18	Poonam Agarwal	Registered
19	Pukhraj Agarwal	Registered
21	Sanyukta Moitra	Registered
22	Soma Dey Sarkar	Registered
23	Vinod Sharma	Registered
24	Sarita Sharma	Persuing Course Work
25	Rupali Singha Roy	Persuing Course Work
26	Souradeep Rakshit	Persuing Course Work
27	Pramita Gurung	Persuing Course Work
28	Denkila Bhutia	Persuing Course Work

ANNUAL REPORT 2014-15

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 Human Rights and Duties: Issues and Challenges in SAARC Region	Department of Law, North Bengal University, Darjeeling 3 Day (15-17 November, 2014)	Development Induced Displacement & Protection of Rights of Indigenous Population in India: An Impact Analysis in the Context of Indian Legal Regime
Dr. Rathin Bandyopadhyay	National Seminar on Emerging Trends and Issues in Management	Department of Management, North Bengal University December, 4-5, 2014	Prevention of Insider Trading and Ensuring Fairness in Corporate Management: Changing Legal Dimensions
Dr. Rathin Bandyopadhyay	One Day (13.09.2014) Sensitization Programme Cum National Seminar on Equal Opportunity in Higher Education in North Bengal: Current Status, Prospects and Challenges	Equal Opportunity Cell, University of North Bengal	Equal Opportunities in Higher Education for Socially and Economically Disadvantaged Population in India: An Analysis of Legal Norms & Practice with Special Reference to North Bengal
Dr. Rathin Bandyopadhyay	One day sensitization Programme on UGC Sponsored University Industry Linkages Programme, 2015 on 03.03.2015	Conference Hall, NBU March, 2015	Industry- University Interface: Challenges and Opportunities in the Professional Courses
Dr. Rathin Bandyopadhyay	2 Day (04- 05 April, 2015) UGC sponsored National Seminar on RTI Act 2005 – A Perfect Guideline and Regulation to Administrative Discretion Promoting Participatory Democracy	Patna Law College, Patna University, Bihar in collaboration with Faculty of Law, College of Commerce, Magadh University, Patna, Bihar April, 2015	Chaired a technical session entitled : The Official Secret Act and RTI (Technical Session III)
Prof. Gangotri Chakraborty	UGC sponsored National Seminar on Human	Department of Law, North Bengal	Understanding the concept of

	Rights and Duties: Issues and Challenges in SAARC Region	University, Darjeeling 3 Day (15-17 November, 2014)	"Vulnerability" in the context of Human Rights
Prof. Gangotri Chakraborty	Conceptualising 19 th century with 21 st century	NUJS, Kolkata 21-22 January, 2015	A historical account of English education in India
Prof. Gangotri Chakraborty	Social Development in SAARC countries	Indian Institute of Legal Studies campus 27-28 March, 2015	Status of private Law in SAARC countries: A perspective presentation
Prof. Gangotri Chakraborty	One day sensitization Programme on UGC Sponsored University Industry Linkages Programme, 2015 on 03.03.2015	Conference Hall, NBU March, 2015	-----
Dr. Sujit Kumar Biswas	UGC sponsored National Seminar on Human Rights and Duties: Issues and Challenges in SAARC Region	Department of Law, North Bengal University, Darjeeling 15-17 November, 2014	Human Rights and Judicial Activism in India
Dr. Sujit Kumar Biswas	National Seminar on Emerging Trends and Issues in Management	Department of Management, North Bengal University, Darjeeling 4-5 December, 2014	-----
Dr. Sujit Kumar Biswas	National Seminar on New Paradigms in Anthropological Research	Department of Anthropology, North Bengal University, Darjeeling 19-20 March, 2015	Judicial Response towards sustainable in India
Dr. Sujit Kumar Biswas	National Seminar on Woman in 21 st century: Livelihood, Environment and Sustainability	Centre for Women's Studies, North Bengal University, Darjeeling 27-28 March, 2015	Sexual Harassment of Women at workplace – Myths and Realities
Dr. Sujit Kumar Biswas	National Symposium on Human Rights: Ethics, Values and Ideology	Department of Political Science, North Bengal University, Darjeeling 30-31 March, 2015	-----
Mr. Narendar	National Seminar on	Department of Law,	"Human Rights against

Nagarwal	Human Rights and Duties Issues and Challenges in SAARC Region	NBU November, 15-17 2014	untouchability and caste based discrimination against Dalits in India- An analysis of Ground Realities"
Mr. Narendar Nagarwal	National Seminar on Uniform Civil Code and personal Laws in India	NM Law College, Hanumangarh, Rajasthan December, 13,14 2014	-----
Dr. R. D. Dubey	National Seminar on Woman in 21 st century: Livelihood, Environment and Sustainability	Centre for Women's Studies, North Bengal University, Darjeeling 27-28 March, 2015	Right to health of Women and environment: Legal Issues and Challenges
Dr. R. D. Dubey	National Seminar on Human Rights and Duties Issues and Challenges in SAARC Region	Department of Law, NBU November, 15-17 2014	Right to education of Women In India: A Human Rights Issue
Dr. R. D. Dubey	Seminar on Medical Negligence and Consumer protection	Department of Forensic Medicine 9 th August, 2014	-----
Ms. Sangeeta Mandal	National Seminar on Woman in 21 st century: Livelihood, Environment and Sustainability	Centre for Women's Studies, North Bengal University, Darjeeling 27-28 March, 2015	Women Empowerment Laws in India: Issues and Challenges
Ms. Sangeeta Mandal	National Seminar on Human Rights and Duties Issues and Challenges in SAARC Region	Department of Law, NBU November, 15-17 2014	Role of citizens in prevebting &protecting children from abuse and neglect in India
Ms. Sangeeta Mandal	National Seminar on Emerging Trends & Issues in Management	Conference Hall, NBU 04-05 December, 2014	-----
Ms. Sanyukta Moitra	National Seminar on Woman in 21 st century: Livelihood, Environment and Sustainability	Centre for Women's Studies, North Bengal University, Darjeeling 27-28 March, 2015	Sexual Harassment of women at workplace
Ms. Sanyukta Moitra	National Seminar on Human Rights and Duties Issues and Challenges in SAARC Region	Department of Law, NBU November, 15-17 2014	-----
Dr. Om Prakash	National Seminar on	Department of	Socio Economic

Sharma	Anthropology in the 21 st Century	Anthropology, North Bengal University, Darjeeling 2014	Development of Sheduled Castes and Sheduled Tribes Through Reservation : Myth and Reality
Dr. Om Prakash Sharma	National Seminar on Human Rights and Duties Issues and Challenges in SAARC Region	Department of Law, NBU November, 15-17 2014	Protection of Human Rights through Educaton: Issues and Challenges in SAARC Region
Ms. Soma Dey Sarkar	National Seminar on Woman in 21 st century: Livelihood, Environment and Sustainability	Centre for Women's Studies, North Bengal University, Darjeeling 27-28 March, 2015	Women in the Globalised Era
Ms. Soma Dey Sarkar	National Seminar on Human Rights and Duties Issues and Challenges in SAARC Region	Department of Law, NBU November, 15-17 2014	Human Rights Mechanism in the SAARC Region: Its Inadequacy and the Present Delemma
Mr. Tanwir Arshed	National Symposium on Human Right: Ethics, Values and Ideology	Department of Political Science, NBU 30-31 March, 2015	The Sino-Indian Dispute, Nehru and Nation building in India
Mr. Tanwir Arshed	National seminar on Theory and Practice of Human Rights: The Indian Context	Department of Political Science, Sital Kuchi College, CoochBehar 20-21 March, 2015	Human Righta in Azad Kashmir: A case of Denial and deprivation
Md. Maazul Haque	1 day workshop on International Property Rights: Background & recent perspectives	IPR Cell, NBU 20 th March, 2015	-----
Md. Maazul Haque	National Seminar On Women, Environment and Sustainable Livelihood in Tea Estates of North Bengal	Centre for Women Studies, NBU March, 2015	-----
Mr. Sanjay Dutta	National Seminar on Human Rights and Duties Issues and Challenges in SAARC Region	Department of Law, NBU 15-17 November, 2014	Justice Delayed is Justice Denied: Supreme Court Judgement on Release of prisoners awaiting trial
Ms. Taniya Basu	National Seminar on	Department of Law,	Role of Citizens in

Mazumdar	Human Rights and Duties Issues and Challenges in SAARC Region	NBU 15-17 November, 2014	preventing and protecting children from abuse and neglect in India
Ms. Taniya Basu Mazumdar	National Seminar on Woman in 21 st century: Livelihood, Environment and Sustainability	Centre for Women's Studies, North Bengal University, Darjeeling 27-28 March, 2015	Health status of Women in Sikkim
Ms. Debarati Chanda	National Seminar On Women, Environment and Sustainable Livelihood in Tea Estates of North Bengal	Centre for Women Studies, NBU March, 2015	-----
Ms. Debarati Chanda	International Seminar on International Summit	Indian Institute of Legal Studies, Siliguri March, 2015	-----

ORGANISED SEMINAR/CONFERENCE

Name of the Teacher	Name of the Seminars/Conference	Date of Seminar Conference
Dr. Rathin Bandyopadhyay	UGC sponsored National Seminar on Human Rights and Duties: Issues and Challenges in SAARC Region	3 Day (15-17 November, 2014)
Dr. Rathin Bandyopadhyay	National Seminar on Emerging Trends and Issues in Management	December, 4-5, 2014
Dr. Rathin Bandyopadhyay	One Day(13.09.2014) Sensitization Programme Cum National Seminar on Equal Opportunity in Higher Education in North Bengal: Current Status, Prospects and Challenges	13.09.2014
Prof. Gangotri Chakraborty	UGC sponsored National Seminar on Human Rights and Duties: Issues and Challenges in SAARC Region	3 Day (15-17 November, 2014)
Dr. Sujit Kumar Biswas	UGC sponsored National Seminar on Human Rights and Duties: Issues and Challenges in SAARC Region	15-17 November, 2014
Mr. Narendar Nagarwal	National Seminar on Human Rights and Duties Issues and Challenges in SAARC Region	November, 15-17 2014

Mr. Narendar Nagarwal	National Seminar on Police, Internal Security and Human Rights- Issues and Challenges in North East India	25 th and 26 th April, 2015
Dr. R. D. Dubey	National Seminar on Woman in 21 st century: Livelihood, Environment and Sustainability	27-28 March, 2015

PUBLICATION

Name of the Author	Name of the Book/Journal/Volume	Year of Publication
Dr. Rathin Bandyopadhyay	Indian Human Rights Law Review Legal Rights of Women in Live- in Relationship: An Analysis Under the Indian Laws, Page No. 105-115 ISSN: 2230-7036 (Vol. 5 No.1 June 2014) ARTICLE IN JOURNAL	2014-15
Dr. Rathin Bandyopadhyay	Environment, Governance and Development (2014) (in 2 Vols.) Subject book to be published by University of North Bengal at University Press. ISBN No. 978-81-921285-2-8 EDITED BOOK	2014-15
Dr. Rathin Bandyopadhyay	Human Rights and Duties (2015) (in press) Subject book to be published by University of North Bengal at University Press, Authorship: Jointly Edited ISBN No. 978-81-921285-3-5 EDITED BOOK	2014-15
Prof. Gangotri Chakraborty	Women in Environmental Movements and Environmental Governance: An Eco-feminist approach, Page 10, in Rathin Bandyopadhyay 7 others [Ed], Environment, Governance and Development, Vol. I, Published by Department of Law, University of North Bengal, Raja Rammohunpur 734013 , ISN: 978-81-921285-2-8 ARTICLE IN BOOK	2014-15
Prof. Gangotri Chakraborty	Environment, Governance and Development (2014) (in 2 Vols.) Subject book to be published by University of North Bengal at University Press. ISBN No.	2014-15

	978-81-921285-2-8 EDITED BOOK	
Prof. Gangotri Chakraborty	A jurisprudential Discussion on Social Exclusion, Page 69, in Durga P. Chhetri [Ed], Divided Spaces: Discourse on Social Exclusion Exclusion and Women in India, Gyan Gyan Publishing House, New Delhi, ISBN: 978-81-212-1225-0 ARTICLE IN BOOK	2014-15
Prof. Gangotri Chakraborty	Gender Issues in International Trade and Investment: A Brief Review Journal of Department of Sociology NBU, Vol.I, No. I. March 2014, P.75 ISSN 2348-6538 ARTICLE IN JOURNAL	2014-15
Prof. Gangotri Chakraborty	New Type of Bio Piracy and Misappropriation of Traditional Knowledge Associated with Medicinal Plants in India, [Jointly with Partha Pratim Paul], 2014 KJLS, 1:1, Page 9, ISSN Number 2231-5144 ARTICLE IN JOURNAL	2014-15
Dr. Sujit Kumar Biswas	Problems and prospects of Human Rights in India Human Rights in India: Problems and Prospects ISBN No – 978-81-86772-59-1 ARTICLE IN BOOK	2014-15
Dr. Sujit Kumar Biswas	Role of Judiciary in bringing out changes in Labour Jurisprudence Indian Journal Of Law and Justice, Volume – 5 No. 1 ISSN NO: 0976-3570 ARTICLE IN JOURNAL	2014-15
Dr. Sujit Kumar Biswas	Role of Judiciary in the protection of Environment in India Environment, Governance and Development, Volume – 2 ISBN No – 978-81-921285-2-8 ARTICLE IN BOOK	2014-15
Mr. Narendar Nagarwal	Arguing the Legal Imaginaries of Terrorism and methods of its tracking- An Analysis under Politico-Legal Frame work Indian Bar Review, Bar Council of India Trust ARTICLE IN JOURNAL	2014-15
Mr. Narendar Nagarwal	Human Rights mechanism on untouchability and Caste-based Discrimination against Dalits Indian Journal of Law and Justice ISSN NO: 0976-3570 ARTICLE IN JOURNAL	2014-15
Dr. R.D. Dubey	Rights of Women Workers in Unorganised Sector: Legal issues and Challenges	2014-15

	Indian Journal of Law and Justice Volume – 5 ISSN NO: 0976-3570 ARTICLE IN BOOK	
Dr. R.D. Dubey	Social Justice and Food Security: Human Rights Perspective Gauhati University Journal of Law ISSN No: 2277-2545 ARTICLE IN BOOK	2014-15
Ms. Sangeeta Mandal	Employment Laws in the Globalised Ers: Changes and Trends in India India International Journal of Juridical Science ARTICLE IN JOURNAL	2014-15
Dr. Om Prakash Sharma	Protecting and Preserving Traditional knowledge system in medicinal Plants: An overview. Environment, Governance and Development, Volume – 2 ISBN No:978-81-921285-2-8 ARTICLE IN BOOK	2014-15
Dr. Om Prakash Sharma	Joint Reservation of Indian Corporate Sector: Perspects and Challenges in Globalised Era Indian Journal of Law and Justice, Volume – 4, No.2 ISSN NO: 0976-3570 ARTICLE IN JOURNAL	2014-15
Dr. Om Prakash Sharma	Right to Reservation as Emerging Fundamental Right: A study under the Indian Constitution Indian Journal of Law and Justice, Volume – 5, No.1 ISSN NO: 0976-3570 ARTICLE IN JOURNAL	2014-15
Mr. Tanwir Arshed	Post-Nehruvian Politics in India: Agitations, Assimilations, Assertions and Consequences ARTICLE IN BOOK	2014-15
Mr. Tanwir Arshed	China Factor in India-Pakistan relations: A Review Journal of Politics and Governance, Vol. 3 No. 4 ISSN No: 2278-4736 ARTICLE IN JOURNAL	2014-15
Mr. Maazul Haque	Muslim Law Adoption with special Reference to Shabnam Hashmi Case Global Journal for Legal Studies, Volume – 3, No -1 ISSN No :2277-7296 ARTICLE IN JOURNAL	2014-15
Mr. Maazul Haque	Family Court as an Alternative Dispute Resolution in India. International Journal of Society and Humanities, Volume – 5, No -1 ISSN No: 2319-2070 ARTICLE IN JOURNAL	2014-15
Ms. Tanya Basu Mazumder	Man and Environment Relation Environment, Governance and Development,	2014-15

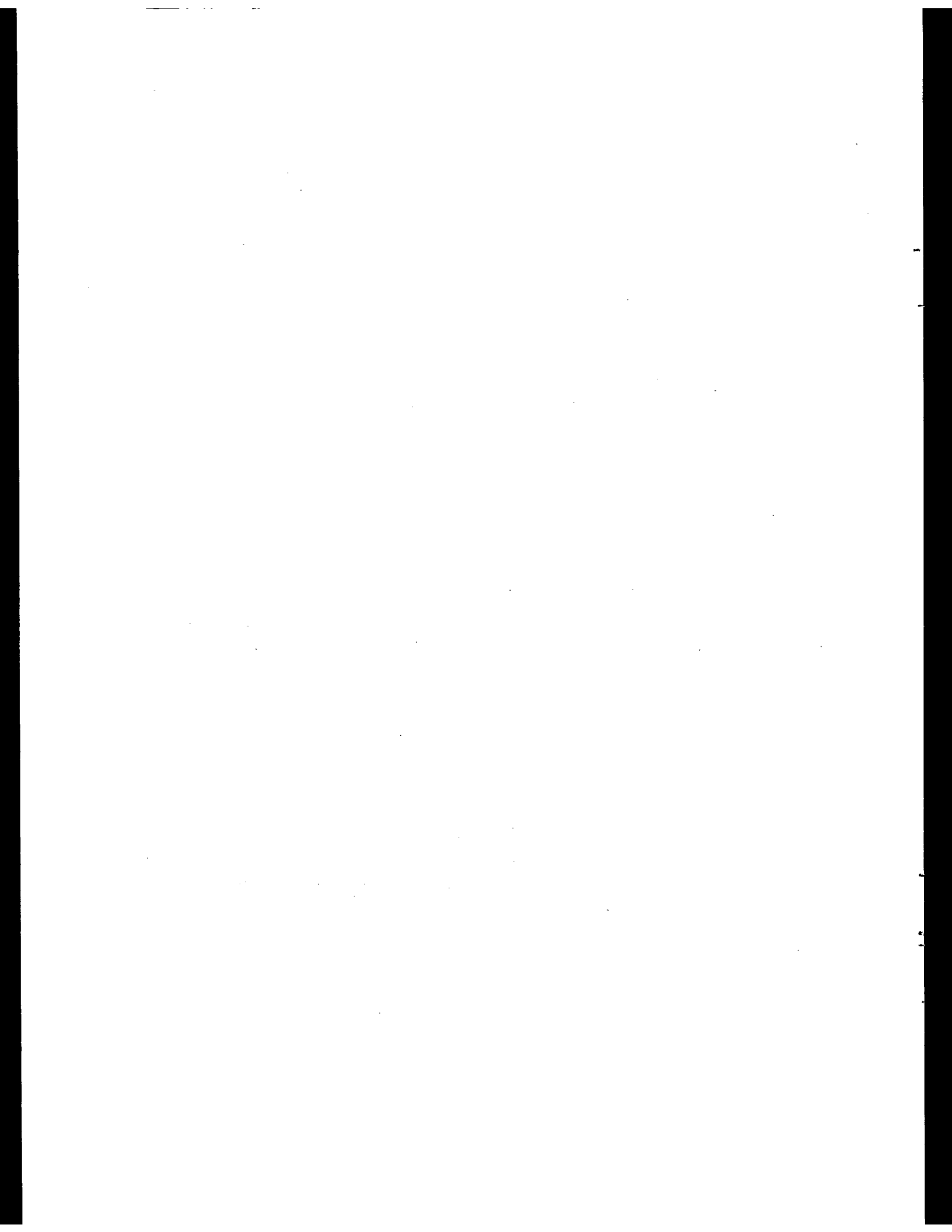
	Volume – 2 ISBN No: 978-81-922285-2-8 ARTICLE IN BOOK	
Ms. Tanya Basu Mazumder	Radha Kamal Mukherjee and his Role of Ecology and Environment Indian Journal of Law and Justice Volume – 5 ISSN NO: 0976- 3570 ARTICLE IN JOURNAL	2014-15

RESEARCH PROJECTS – MAJOR

Name of the Teacher	Title of the Scheme Project	Sanctioned Authority
Dr. 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
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
Dr. Suujit Kumar Biswas (Co-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

RESEARCH PROJECTS – MINOR

Name of the Teacher	Title of the Scheme Project	Sanctioned Authority
Prof. Gangotri Chakraborty (Principal Investigator)	A study of begging as an alternative livelihood in Globalised era(with special reference to Siliguri Municipal areas)	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 started with one year (two semesters) Bachelor of Library and Information Science (BLIS) with an intake of 56 students. In the year 2005 the department introduced the two years (four semesters) Master of Library and information Science (MLIS) with an intake of 40 students. The department is now having services of two full time faculties, four guest faculties and two non teaching staffs. The new annex building is accommodating both BLIS and MLIS courses and also have the provision for expansion of academic activities like M.Phil and Research programmes. Being the only department rendering such professional courses, the department is executing as an information hub in the entire North Bengal.

4. Name of the Faculty :
- | | | |
|-----------|---------------------|---------------------|
| Professor | Associate professor | Assistant professor |
| | | Sri 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 :

Name	Designation
i. Deep Kumar Dutta	Gr. III (Casual)
ii. Sankar Saha	Gr. IV (Casual)

8. Student Strength

Students	Male	Female	Total
BLIS 2 nd Sem.	22	18	40
MLIS 2 nd Sem.	15	19	33
3 rd Sem	2	0	2

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

Name of the Teacher	Name of the Seminar/Conference	Venue & Date	Title of the paper presented
Mr. Saptarshi Ghosh	IASLIC National Conference 2014	Gauhati University 2014	

10. Publication:

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

11. 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

12. Visiting Fellow:

Name of the Visiting Fellow	Duration	
NIL	NIL	NIL

13. Any other information:- Awards Received:- NIL

Department of Lifelong Learning & Extension

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

2. Date of Establishment: **August 1987**

3. Introduction of the Department: **August 1987**

4. Name of the Faculty:

Professor / Reader/Associate Prof.	Designation
1. Prof. M. Yasin, Head, DLLE	Professor
2. Sri Monotosh Bose,	Associate Professor
3. Sri M.U.Alam	Associate Professor
4, Dr. Ratna Sarkar,	Assistant Professor, (Contractual)
5.Ms. Manasree Dasgupta	Lecturer , Part time

5.Name of the Research Scholars:

1. Monalisa Das	Research Scholar
2. Arijit Talukdar	Research Scholar
3. Debolina Sarkar	Research Scholar
4. Kipa Sherpa	Research Scholar
5. Malini Dutta	Research Scholar
6. Dipika Dewan	Research Scholar

6. Name of the Project Scholars/Project Supervisor/Project Investigator

Name	Designation
NIL	

7. Name of the Non –Teaching Staff:

Name	Designation
1.Dilip Kumar Roy	Jr. Supdt.
3.Sri Basudeb Sutradhar	Casual,, Group-D,
4.Ajay Singha	Casual, Group-D

8. Students Strength:

Students	Male	Female	Total
PGDRDEE	09	04	13
MA in Rural Development Part-I	09	21	30
MA in Rural Development Part-II	08	21	29

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
		Nil	

10. Organized Seminar / Conferences:

Name of the Seminar/ Conference	Date of the Seminar/Conference
Seminar on Women Empowerment	26.03.2015

11. Publication:

Name of the Author	Name of the Book/Journal/Vol.	Year of publication
NIL	NIL	NIL

12. Research Projects (Major & Minor):

MAJOR RESEARCH PROJECT		
Title of the Scheme Project	Sanctioning Authority	
Nil	Nil	Nil

MINOR RESEARCH PROJECT		
Title of the Scheme Project	Sanctioning Authority	
Nil		Nil
Nil		Nil

13. Visiting Fellow:

Name of the Visiting Fellow	Duration
Prof. B.Chakraborty, Department of Political Science Rabindra Bharati University, Kolkata	07 days

1. Any other information:-NIL

Department of Management

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

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

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

4. Name of the faculty :
Professor Associate Professor Sr. Lecturer/Lecturer

Dr. Rathin Bandyopadhyay (Head)

Ms. Nandita Pradhan
Dr. Subrata Ray
Mr. Sanmoy Mallick
Mr. Dipanjan Moitra
Mrs. Piyali Chandra Khan

5. Name of the Research Scholars : None
6. Name of the Project Scholars : None
7. Name of the Non-Teaching Staff :

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

8. Students Strength
Students
Total

Male

Female

Session 2014-2015 (MBA)

Semester	General		SC		ST		Total
	Male	Female	Male	Female	Male	Female	
Batch 2014-16 { 1 st Sem	17	12	2	0	1	2	34
2 nd Sem	15	11	2	0	1	2	31
Batch 2013-15 { 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.	One day sensitization Programme on UGC Sponsored University Industry Linkages Programme, 2015 on 03.03.2015	University of North Bengal	Industry-University Interface: Challenges and Opportunities in the Professional Courses
	2.	2 Day (4-5 December, 2014) National Seminar on Emerging Trends and Issues in Management	Department of Management, University of North Bengal	Prevention of Insider Trading and Ensuring Fairness in Corporate Management: Changing Legal Dimensions
	3.	3 Day (15-17, November, 2014) UGC sponsored National Seminar on Human Rights and Duties: Issues and Challenges in SAARC Region	Department of Law, University of North Bengal	Development Induced Displacement & Protection of Rights of Indigenous Population in

				India: An Impact Analysis in the Context of Indian Legal Regime
	4.	One Day (13.09.2014) Sensitization Programme Cum National Seminar on Equal Opportunity in Higher Education in North Bengal: Current Status, Prospects and Challenges	Equal Opportunity Cell, University of North Bengal	Equal Opportunities in Higher Education for Socially and Economically Disadvantaged Population in India: An Analysis of Legal Norms & Practice with Special Reference to North Bengal
Dr. Subrata Ray, Assistant Professor (Contractual), Department of Management, University of North Bengal	1.	2 Day (4-5 December, 2014) National Seminar on Emerging Trends and Issues in Management	Department of Management, University of North Bengal	Localized Management of Bazar Samiti's in Siliguri
	2.	3 Day (15-17, November, 2014) UGC sponsored National Seminar on Human Rights and Duties: Issues and Challenges in SAARC Region	Department of Law, University of North Bengal	Using Association Rules Mining to Analyze Human Rights Violations in India
	3.	One Day (13.09.2014) Sensitization Programme Cum National Seminar on Equal Opportunity in Higher Education in North Bengal: Current Status, Prospects and Challenges	Equal Opportunity Cell, University of North Bengal	-
Ms. Nandita Pradhan, Assistant Professor (Contractual), Department of Management,	1.	2 Day (4-5 December, 2014) National Seminar on Emerging Trends and Issues in Management	Department of Management, University of North Bengal	-

University of North Bengal				
Mr. Sanmoy Mallick, Assistant Professor cum Training & Placement Officer (Contractual), Department of Management, University of North Bengal	1.	2 Day (4-5 December, 2014) National Seminar on Emerging Trends and Issues in Management	Department of Management, University of North Bengal	A case study approach on Indo-Nepal Cross Border Trade with special reference to Panitanki-Kakarvita corridor
	2.	3 Day (15-17, November, 2014) UGC sponsored National Seminar on Human Rights and Duties: Issues and Challenges in SAARC Region	Department of Law, University of North Bengal	Association of rules mining to analyze human rights violation in India
	3.	One Day (13.09.2014) Sensitization Programme Cum National Seminar on Equal Opportunity in Higher Education in North Bengal: Current Status, Prospects and Challenges	Equal Opportunity Cell, University of North Bengal	-
	4.	All India Commerce Conference of Indian Commerce Association	KIIT, Bhubaneswar, 27 -29 December 2014	A study on the trends and opportunities in the hospitality industry in different tourist places of Darjeeling district, Dooars and Sikkim
	5.	International Conference, Organized by MBA Department of Gaeddu College of Business Studies, Royal University of Bhutan, Gaeddu, Bhutan	Royal University of Bhutan, Gaeddu, Bhutan	The effect of change management with special reference to private sector banks operating in India- A case study on ICICI & HDFC Bank
	6.	International Conference, Organized by MBA Department of Gaeddu College of Business Studies, Royal University of Bhutan, Gaeddu,	Royal University of Bhutan,	The effect of change management

		Bhutan	Gaeddu, Bhutan	with special reference Bhutan Telecom Sector
Mr. Dipanjan Moitra, Assistant Professor (Contractual), Department of Management, University of North Bengal	1.	2 Day (4-5 December, 2014) National Seminar on Emerging Trends and Issues in Management	Department of Management, University of North Bengal	Customer Churn Prediction for Online Shopping in Siliguri Region
	2.	3 Day (15-17, November, 2014) UGC sponsored National Seminar on Human Rights and Duties: Issues and Challenges in SAARC Region	Department of Law, University of North Bengal	Using Association Rules Mining to Analyze Human Rights Violations in India
	3.	One Day (13.09.2014) Sensitization Programme Cum National Seminar on Equal Opportunity in Higher Education in North Bengal: Current Status, Prospects and Challenges	Equal Opportunity Cell, University of North Bengal	x
	4.	National Conference on Computational Technologies-2015(Ncct'15)	Organised by Dept. of Computer Science & Application, University of North Bengal (N.B.U.) in collaboration with Computer Society of India(CSI), Div-V (Education and Research), Region-II, Siliguri Chapter 20th Feb, 2015	Performance Evaluation of BioPerl, Biojava, BioPython, BioRuby and BioSmalltalk for Executing Bioinformatics Tasks

Mrs. Piyali Chandra Khan, Assistant Professor (Contractual), Department of Management, University of North Bengal	1.	2 Day (4-5 December, 2014) National Seminar on Emerging Trends and Issues in Management	Department of Management, University of North Bengal	A Study on History and Evaluation of Life Insurance
	2.	All India Commerce Conference of Indian Commerce Association	KIIT, Bhubaneswar, 27 -29 December 2014	A Study on Efficiency Measurement of Life Insurance Companies Operation in India – A dynamic Panel Approach

10. Organized Seminar / Conferences:

Name of the Seminar/Conference	Date of the Seminar / Conference	Venue
Emerging Trends and Issues in Management	04 th and 05 th December 2015	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.	Legal Rights of Women in Live-in Relationship: An Analysis Under the Indian Laws, Page No. 105-115 (Vol. 5 No.1 June 2014)	Indian Human Rights Law Review	ISSN: 2230-7036
Mr. Dipanjan Moitra, Assistant Professor (Contractual), Department of Management, University of North Bengal	1.	A STUDY ON THE DEVELOPMENT OF ONLINE MICRO-LENDING COMMUNITY IN NORTH BENGAL, VOLUME NO. 4 (2014), ISSUE NO. 04 (APRIL)	International Journal Of Research In Commerce, It & Management	ISSN 2231-5756
	2.	Performance Evaluation of BioPerl, Biojava, BioPython, BioRuby and BioSmalltalk for Executing Bioinformatics Tasks, Page No : 157-164, Volume-03 , Special Issue-01	International Journal of Computer Sciences and Engineering	ISSN 2347-2693

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.	Environment, Governance and Development (2014) (in 2 Vols.)	Subject book to be published by University of North Bengal at University Press, Authorship: Jointly Edited	ISBN No. 978-81-921285-2-8
	2.	Human Rights and Duties (2015) (<i>in press</i>)	Subject book to be published by University of North Bengal at University Press, Authorship: Jointly Edited	A/F

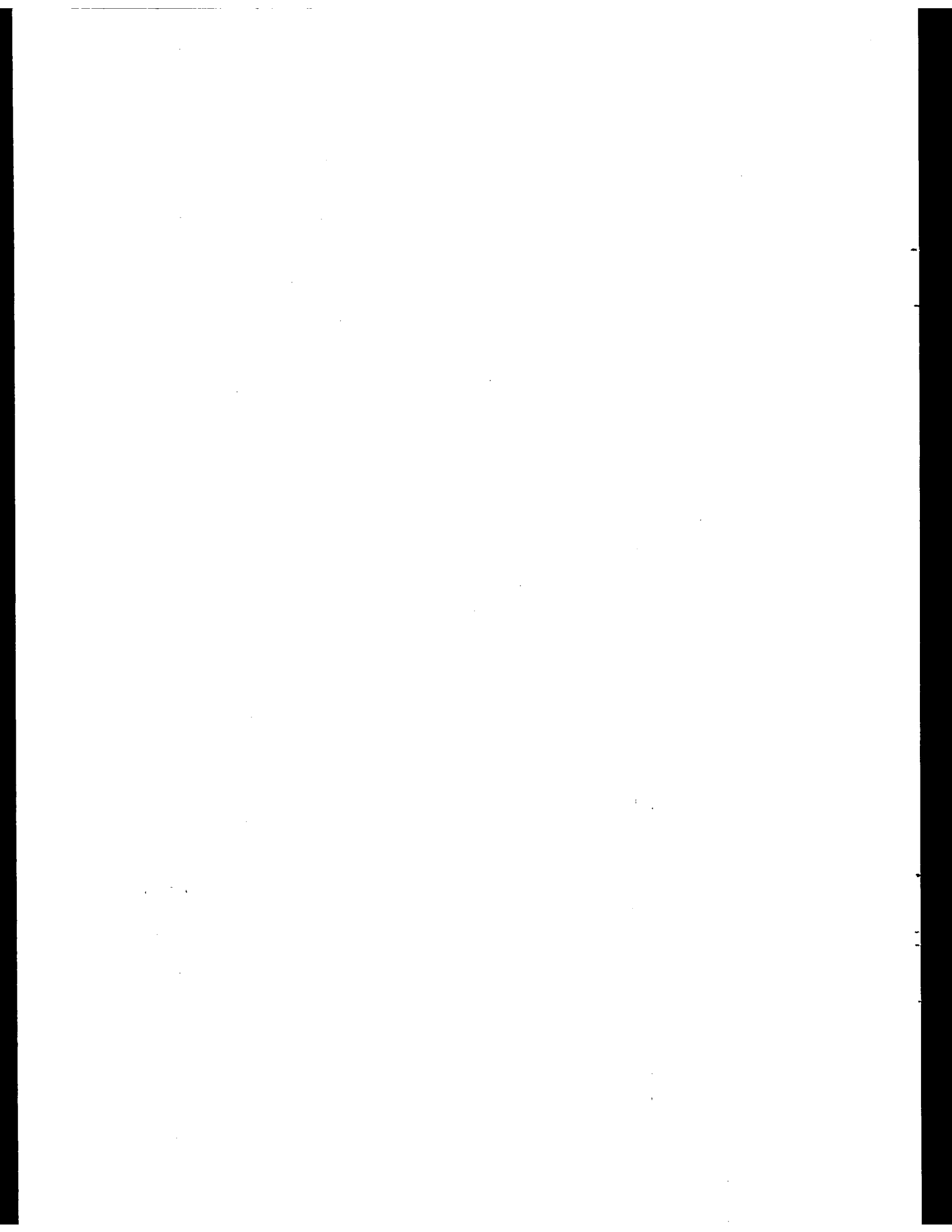
12. Research Projects (Major& Minor):

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. Practical classes are given equal importance to the theory classes.

4. Name of the Faculty:

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

5. Name of the Reserach Scholars: NIL

6. Name of the Project Scholars: NIL

7. Name of the Non_Teaching Staff:

- Dipak Dey, Peon (Casual)

8. Student strength:	Male	Female	Total
Part I: 1 st Sem.	8	12	20
2 nd Sem.	7	9	16
PartII: 3 rd Sem.	2	8	10
4 th Sem.	2	8	10

9. Seminar/Conference attended (Outside the country & Within the country): International Conference, University of Burdwan, Science Congress, NBU, Satellite Conference, NBU

10. Organized Seminar/ Conference: NIL

11. Publication: NIL

12. Research Projects (Major & Minor): NIL

13. Visiting Fellow: NIL

14. Any other information: All most all the previous batch students have been absorbed in renowned firms.

DEPARTMENT OF NEPALI

1. Name of the Department : **NEPALI**
2. Date of Establishment : **1977**
3. Introduction of the Department : **Full fledged Department for Nepali Language & Literature**
4. Name of the Faculty : **Arts, Commerce & Law, University of North Bengal.**

Professor

- i. One existing Post of Professor - Vacant since 2010
- ii. Prof. Ghanashyam Nepal (CAS)
- iii. Prof. Mohan Prasad Dahal (CAS)

Associate Professor

- i. One Associate Professor retired since - 2013
- ii. Dr. Naresh Chandra Khati
- iii. Dr. Krishnaraj Ghatani

Assistant Professor

- i. Dr. Pushkar Parajuli

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5. Name of the Research Scholars :
 1. Dup Tshering Lepcha (R.G.N.F)
 2. Gyanendra Subba (NET-SRF)
 3. Sarswati Mohora (R.G.N.F)
 4. Gopi Maya Gurung (NBU-JRF)
 5. Bikram Biswakarma (R.G.N.F)
 6. Kamana Lama (R.G.N.F)
 7. Amrit Sharma (R.G.N.F)

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	Sr. Peon
3. Rina Subba	Office Assistant (Casual)

8. Students Strength :

Students	Male	Female	Total
Part- I 1 st Sem. 2 nd Sem.	13	44	= 57
Part – II 3 rd Sem. 4 th Sem.	11	33	= 44

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
1. Prof. Ghanashyam Nepal	a. "Modern Indian Nepali Novels" (UGC Sponsored National Seminar)	Birpara College, Birpara (Doors) 21 st & 22 nd November, 2014.	
ii. Prof. Mohan Prasad Dahal	a. "Building Nation of Peace : Our hared responsibilities" (organised by Universal Peace Federation & UN Information centre for India & Bhutan) Addressed the Conference.	Hotel Monarch Aachal, Shivmandir, 1 st Feb, 2014.	
	b. "Haymandas Rai 'Kirat' commemorative volume release	Uttarey, Gorubathan, 6 th April 2014.	Resource Person

	<p>ceremony and Conference”</p> <ul style="list-style-type: none"> - Presided the Conference. 		
	<p>c. “22nd Nepali Language Recognition memorial-Day and Conference” (organized by VIKALPA, Darjeeling)</p> <ul style="list-style-type: none"> - Presided the Conference. 	Darjeeling, 24 th August, 2014.	
	<p>d. “Modern Indian Nepali Novels” (UGC Sponsored National Seminar)</p> <ul style="list-style-type: none"> - Delivered key-note address. 	Birpara College, Birpara (Doors) 21 st & 22 nd November, 2014.	Resource Person
iii. Dr. Naresh Chandra Khati	<p>a. “Modern Indian Nepali Novels” (UGC Sponsored National Seminar) Delivered key-note address.</p>	Birpara College, Birpara 21 st -22 nd November 2014.	Lecture delivered & Chaired.
iv. Dr. Krishnaraj Ghatani	<p>a. Problem of Language Learning of SC, Sub-himalayan region (Seminar)</p>	North Bengal University Org. by CLLS. 19 th & 20 th August 2014.	Lecturer delivered & Chaired.
	<p>b. Modern Nepali</p>	Sahitya Academy & GDNS Darjeeling. 13 th & 14 th September,	Lecturer delivered & Chaired.

	Poetry (Seminar)	2014.	Lecturer delivered & Chaired.
	c. Modern Indian Nepali Novel. (UGC-Sponsored)	Birpara College, Birpara 21 st -22 nd November, 2014.	

10. Organized Seminar/Conference:

Name of the Seminar/Conference	Date of Seminar/Conference		
1. Dr. Naresh Chandra Khati	National Seminar, organised Comparative Literature, by Deptt. of Nepali, NBU (UGC sponsored) 4 th March, 2015.	One session of Seminar chaired & Lecture delivered.	
a. "Tulnatmak Samalochana"			
2. Dr. Krishnaraj Ghatani	Org. by Birpara College, Jalpaiguri, 22 nd March, 2015.	One session of Seminar chaired & Lecture delivered.	
a. Modern Indian Nepali Novel. (UGC-Sponsored)			
b. Problems of Language learning of SC Sub-himalayan region (Seminar)	North Bengal University 19 th & 20 th August, 2014.	Jt. Co-ordinator for Nepali Dept. CLLS-NBU & CIIL, Mysore.	
	Nepali Department North Bengal	Director/Co-ordinator of the	

c. Tulantmak Sahitya (UGC. Sponsored)	University 4 th March, 2015.	Seminar at Nepali Dept. NBU.	
3. Dr. Pushkar Parajuli Workshop on Translation of Book titled "Biswa Parichaya by Rabindra Nath Tagore"	March, 09-16, 2015. (eight days) Biswa Bharati, Shantiniketan.	Kolkata.	

11. Publication :

Name of the Author	Name of the Book/Journal/Volume	Year of Publication
1. Prof. Ghanashyam Nepal	"Vidha- Vibidha" (Book) Upama Prakashan, Kalimpong. ISBN 978-81-926641-0-1	2014.
2. Prof. Mohan Prasad Dahal	a. Nepali Academy Journal (ISSN 2321-144X) Paper published b. "Badrinarayan Pradhanko Bhasik Dristikone Ra Prayog", KALJANEE KARMA HARUMA BADRINARAYAN PRADHAN, (ed.	- Vol 10. No. 10 March, 2014. Bagrakote, January 2014.

<p>1. Dr. Naresh Chandra Khati</p> <p>2. Dr. Krishnaraj Ghatani</p>	<p>Rupesh Sharma), Badrinarayan Pradhan Smriti Pratisthan.</p> <p>c. "Pahilo Pahar Ka Kehi Gaunda Ra Ganlchhenra Punernirikchhan" KUMAR KRITI (ed. Manprasad Subba) Dr. Kumar Pradhan Smarak Guthi Siliguri.</p> <p>Journal</p> <p>a. Nepali Academy Journal Volume : 10 (Member of editorial Board)</p> <p>b. Title of Published article - Nepali Bhasa Utpati ra Bikash Sarveshan.</p> <p>Book</p> <p>a. KABITA BIMARSHA (Book) Chapter Writer</p> <p>b. "And Again..... cross words (Sovinar Journal) One article published</p>	<p>December, 2014.</p> <p>March, 2014.</p> <p>2014, Arun Prakashan Assam.</p> <p>2014, BSMI, Lebong, Darjeeling.</p> <p>Since - 2009</p>
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3. Dr. Pushkar Parajuli	c. Nepali Akademy Journal Co-editor	2014.
	a. Nepali Bhasama 'Ra Ka Kura' (Research Paper) Nepali Akademi Journal Edited- Mohan Prasad Dahal	2015
	b. 'Kahan Paryo Choutari' (A collection of lyrical Poetry) Upama Publication, Kalimpong.	

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.
2. ILCI- Phase II Project	DIT/HRDM, New Delhi Sanctioned Amount: 61.53 Lacks. Year- 2012 to 2015.	Department of Nepali University of North Bengal 1. Principal Investigator- Prof. Ghanashyam Nepal. 2. Co-PI- Dr. Pushkar Parajuli.
3. SPTIL-Project	DIT/HRDM, Hyderabad University, Andhra Pradesh	Department of Nepali University of North Bengal

	Sanctioned Amount: 33.81 Lacks Year – 2013 to 2015.	1. Principal Investigator- Dr. Naresh Chandra Khati. 2. Co-PI- Dr. Krishnaraj Ghatani.
Minor Research Project		
Title of the Scheme Project	Sanctioned Authority	
Nil	Nil	Nil

13. Visiting Fellow :

Name of the Visiting Fellow	Duration	
Prof. Madhav Prasad Pokhrel Tribhuwan University, Kathmandu, Nepal	1 week (23.03.2014 to 28.03.2014).	Nepali Department, University of North Bengal.

1. **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-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.

i. Courses Taught: MA, M Phil, PhD

Classical and Contemporary Indian Philosophy and Western Philosophy (From Ancient to Contemporary Period)

Brief Course Structure at MA Level:

The compulsory papers comprise of basic themes in philosophy as epistemology, metaphysics, Ethics (both theoretical and applied), logic, Phenomenology, Existentialism, Post-modernism and Indian philosophy (classical and modern). Under each optional paper there are several alternatives to choose from, giving the students a scope to specialize in a particular direction as well as to acquaint themselves with new developments in the subject. There are 24 papers of 50 marks each. The total marks is 1600 of which 100 marks in each Semester are set aside for internal evaluation, such as

1. Seminar presentation & group discussions (25 marks)
2. Tutorial taken by each individual teacher (25 marks)
3. Comprehensive viva voce (50marks) is conducted at the end of the written examination of each semester.

Research Programme

Ph.D. / M Phil

The department also runs a successful Ph.D. and M.Phil Programme. About 40 PhD dissertations have been supervised by the teachers. At present there are about 22 registered Ph.D. scholars and 50 course work students in the Department. About a similar number of M.Phil students completed their dissertations over the years.

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. Continental Philosophy

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.

ii. Journal (if any)

Name of the Journal: *Philosophical Papers, Journal of the Dept. 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. Raghunath Ghosh	Dr. Koushik Joardar	Dr. Nirmal Kumar Roy
Prof. Kantilal Das	Dr. Debika Saha	Dr. Laxmikanta Padhi
Prof. Jyotish Ch. Basak		Dr. Anirban Mukherjee
		Dr. N.Ramthing
		Smt. Swagata Ghosh

5. Name of the Research Scholars:

1. Soma Dutta, 2. Indrani Chowdhury, 3. Egam 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. Baishali Majumdar, 14. Jayeeta Majumdar, 15. Abir kr. Das, 16. Sutapa Goswami, 17. Chandra Shekhar Mondal, 18. Monoranjan Roy Prodhani, 19. Hare Krishna Barman, 20. Chayanika Roy, 21. Sutapa Goswami, 22. Debanjali Mukherjee, 23. Anup kr. Das, 24.

Ranjit kr. Barman, 25. Shrabani Roy, 26. Sujata Deo, 27. Subir kumar Roy, 28. Gopa Bhattacharya 29. Priyanka Hazra, 30. Jadav Roy, 30. Buddhiswar Haldar, 31. Pankaj Kanti Sarkar, 32. Pinki Das, 33. Soumitra Chakroborty, 34. Rakhi Debnath, 35. Harendranath Barman, 36. Suman Das, 37. Bishnupriya Saha, 38. Sushobhan Debbarman, 39. Biman Karmakar, 40. Meenakshi Goswami, 41. Sadek Ali, 42. Laxmi

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	36	27	63
2 nd Sem	36	27	63
Part-II 3 rd Sem	38	18	56
4 th Sem	38	18	56

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

<u>Name of the Teacher</u>	<u>Name of the Seminars/conference</u>	<u>Venue & Date</u>	<u>Title of the Paper presented</u>
Prof. Jyotish Ch. Basak	<u>Within India:</u>		
	1. Seminar	Equal Opportunity Cell in the year 2014, NBU	Made a presentation in the University of North Bengal in the seminar

Dr.Koushik Joardar	<u>Within India:</u> 1.Philosophy Day	Dept. of Philosophy, North Bengal University, 20 th November, 2014	<i>“Globalisation as a Process”</i>
	<u>Outside India:</u> 1.64 th Congress of Phenomenology	Catholic University, Milan, Italy, 1-3 October- 2014	<i>“ Transcendental Philosophy of Krishnachandra”</i>
Dr. Debika Saha	<u>Within India:</u> 1. Three day national Seminar on Philosophy of Religion	North Bengal University, November - 2014	<i>‘The Rebel: David Hume on Religion’</i>
	2. Participated in the panel discussion on <i>The Ethics of Globalization</i> in the one-day Seminar organized on the occasion of World Philosophy Day	North Bengal University, 20 th November - 2014	Attended
	3.89 th session of Indian Philosophical Congress	5-8 th January,2015,at Adikari Nannaya University, Rajamundry,A.P.	<i>‘Global Justice: A Study’</i>
	4. ICPR sponsored two day national seminar on Women’s Issues in Philosophy and Religion	Dept. of Philosophy & Comparative Religion, Visva- Bharati Santiniketan, 27th- 28 th March,2015	<i>‘Deconstructing the unheard voices of the subaltern’</i>
	<u>Outside India:</u>		

	<p>1. International Conference on Posthuman Politics.6th Beyond Humanism Conference</p> <p>2. 64th Congress of Phenomenology, organized by the World Phenomenology Institute</p>	<p>25th-28th September,2014, University of Ageon, Greece</p> <p>Catholic University of Sacred Heart, Milan, Italy,1st-3rd October, 2014</p>	<p><i>'Reinterpreting Citizenship in the Posthumanist Era'</i></p> <p><i>'Ecophenomenological Vision:Balancing the harmony of the earth'</i></p>
Dr. Nirmal Kumar Roy	<p><u>Within India:</u></p> <p>1.Philosophy of Religion: Conflicts and Perspectives</p>	<p>Dept. of Philosophy, , North Bengal University, 27th -29th November2014</p>	<p><i>"Vivekananda on Philosophy of Religion"</i></p>
Dr. Laxmikanta Padhi	<p><u>Within India:</u></p> <p>1.Refresher Course in Philosophy</p> <p>2. Two lectures on Practical Ethics, Animal Ethics and Ecofeminism in the Refresher Course in Philosophy</p> <p>3. ICPR's Periodical</p>	<p>Department of Philosophy, Jadavpur University on 8th December, 2014.</p> <p>Department of Philosophy at University of North Bengal on 3rd and 5th January 2015.</p> <p>Department of</p>	<p><i>"Vandana Shiva on Ecofeminism"</i></p> <p>Attended</p>

	<p>Lecture on Why Be Moral</p> <p>4. Religion Mysticism & Logic, National Seminar</p>	<p>Philosophy, Debra Thana Sahid Khudiram Smriti Mahavidyalaya, Paschim Medinipur on 20th February 2015.</p> <p>Department of Philosophy, Assam University, Silchar from 26th – 28th March, 2015.</p>	<p>Attended</p> <p><i>“Is Indian Philosophy Mystical”</i></p>
Dr. Anirban Mukherjee	<p><u>Within India:</u></p> <p>1. Refresher course on Philosophy</p> <p>2. Philosophy Day Seminar</p> <p>3. A seminar on Transgression</p> <p>4. Paper presentation</p>	<p>North Bengal University on 2nd January 2015</p> <p>North Bengal University in November 2014.</p> <p>IIAS Shimla 27-29 October 2014.</p> <p>IIAS Shimla 24th September 2014</p>	<p><i>‘Philosophy of Wittgenstein: Early and Later phase’</i></p> <p><i>‘Ethics of Globalization: Issues and Perspectives’</i></p> <p><i>‘Transgressing the constraint of Limits’</i></p> <p><i>‘The idea of the middle way in Madhyamaka Philosophy’</i></p>

Dr. Ngaleknao Ramthing	<u>Within India:</u>		
	1. National Seminar on <i>Human Rights And Duties: Issues and Challenges in SAARCH Region</i>	North Bengal University , 15 th to 17 th Nov, 2014	Attended
	2. World Philosophy Day on <i>Ethics of Globalization</i>	North Bengal University, 20 th Nov, 2014	Attended
	3. National Seminar on <i>Philosophy of Religion: Conflicts and Perspectives</i> in the Department of Philosophy	North Bengal University, 26 th -28 th Nov, 2014	Attended
	4. National Seminar on <i>Emerging Trends and Issues in Management</i>	North Bengal University, 4 th -5 th Dec, 2014	Attended
Smt. Swagata Ghosh	<u>Within India:</u>		
	1. Workshop on <i>Philosophical Language</i>	Paravidyapeeth Gaudiya Math & Mission, Bagbazar, Kolkata and Jadavpur University, Kolkata, 3 rd – 9 th July 2014, Kolkata	Attended

10. Organized Seminar/Conferences:

Name of the Seminar/Conference	Date of the Seminar/Conference	
<u>Koushik Joardar</u>		
1. Twentieth Century Philosophy (RC), ASC North Bengal University	31 st December 2014- 20 th January 2015	
<u>Laxmikanta Padhi</u>		

<p>1.National Seminar on Philosophy of Religion: Conflicts and Perspectives</p> <p><u>Smt. Swagata Ghosh</u></p> <p>1.ICPR-Sponsored World Philosophy Day on “<i>The Ethics of Globalization</i>”</p> <p>2.UGC-Sponsored National Seminar on “<i>Knowledge Limits and Transcendence</i>”</p> <p><u>Ngaleknao Ramthing</u></p> <p>1. UGC-Sponsored National Seminar on “<i>Knowledge Limits and Transcendence</i>”</p>	<p>27th to 29th November, 2014, in the Dept. of Philosophy, University of North Bengal, Sponsored by ICPR, New Delhi</p> <p>November 20, 2014</p> <p>December 12, 2014</p> <p>December 12, 2014</p>	
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11. Publication:

Name of the author	Name of the Book/Journal/Volume	Year of Publication
Prof. Kantilal Das	<p>1.A Handbook of Set Theory, Northern Book Centre, New Delhi ISSN- 81-7211-337-4</p> <p>2. “Russell’s Theory of Proper Name”, Philosophical, Vol: IV, ISSN: 2249-5053</p>	<p>2014</p> <p>2014</p>
Prof. Jyotish Ch. Basak	1. Published an article in the anthology <i>Media Ethics: in the Information Age</i> (title of the	2014

	<p>paper: Media Ethics: Some Rudiments) ISBN no. 978-93-84106-02-7</p> <p>2. Editor-in-Chief of the Journal of the Department of Philosophy, <i>Philosophical Papers</i>, Vol. IX.</p>	2012 (published in 2014)
Dr. Koushik Joardar	1. <i>Why Should We Act Morally</i> ” in <i>Philosophical Papers</i> (Journal of the Department of Philosophy)	2014
Dr. Debika Saha	<p>1. <i>‘Skepticism-‘A Resting or a dwelling place?’ A Note on Kant’s Critique of Pure Reason’</i>. published in <i>Philosophical View</i> a bi-annual journal, vol-3 No-1, ISSN: 2091-1823 Published by Nepal Darshan Adhayan Kendra, Kathmandu, Nepal, April</p> <p>2. <i>‘Breaking the Silence: Feminism & Posthumanism’</i> will be published in the special issue of <i>‘Gender & The Post human’</i> in The journal <i>‘La Camera Blu’</i> published from University of Naples, Italy</p> <p>3. <i>‘From Local to Global: Justice without Borders’</i> in the Departmental Journal of Philosophy, University of North Bengal</p> <p>4. <i>‘Religion in Public Sphere- Indian Perspective’</i> in the edited</p>	<p>2014</p> <p>2015 (in press)</p> <p>2015</p> <p>2015 (in press)</p>

	<p>volume titled '<i>The Role of Religion in the public sphere: The Post secular Model of Jurgen Habermas and Beyond</i>', publisher, Centre for Values and Philosophy, Washington DC, US.</p> <p>6. '<i>The Rights of the Marginalized: A Study</i>', accepted for publication in the edited volume by the Law Department, University of North Bengal.</p>	2015 (in press)
Dr. Nirmal Kumar Roy	<p>1.Relevance of Swami Vivekananda in 21st Century, Edited by – Smt Iti Chattapadhyaya, Dr. Bhaskar Jha & Tapas Mahanta, Published by – Sanskrit PustakBhandar 38, Bidhan Sarani, Kolkata-700006</p>	2014
Dr. Laxmikanta Padhi	<p>1. <i>Current Environmental Issues and Philosophy</i> Northern Book Centre, New Delhi</p> <p>2. An Attack on Scepticism in Ravenshaw Journal of Philosophy by the Dept. of Philosophy, Ravenshaw University, Cuttack, Odisha</p>	<p>2014 (in press)</p> <p>2015 (in press)</p>
Smt. Swagata Ghosh	<p>1. 'Moral Communication in Purva-Minansa Darsana: A Prescription for Right Living' accepted for publication in an Anthology, 'Language and Communication: Esat-West Comparartive Study' on Philosophy Language under UGC SAP DRS II, Department of Philosophy, University of North</p>	2014

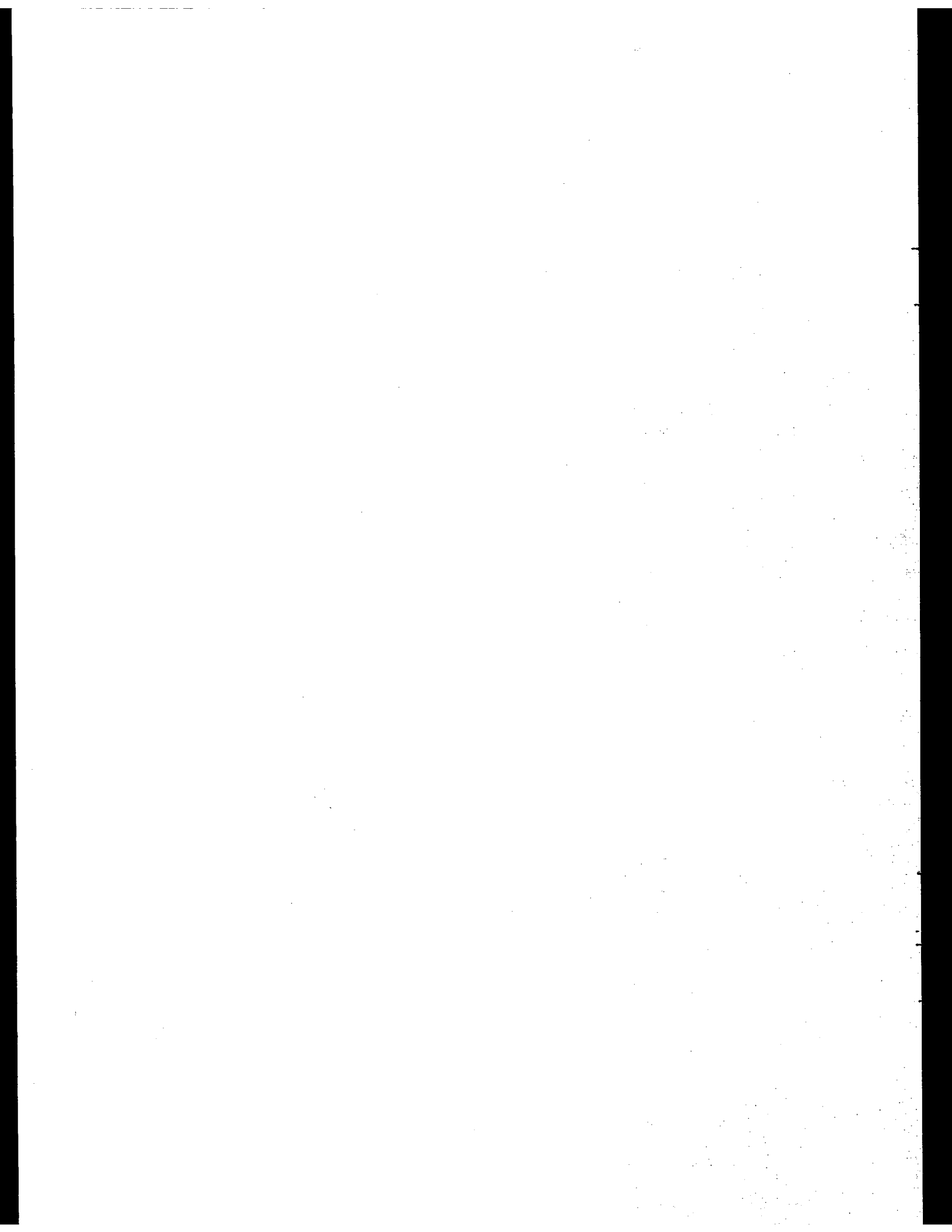
	Bengal	
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12. Reserach Projects (Major & Minor):

Major Research Project		
Title of the Scheme Project	Sanctioned Authority	
<u>Prof. Kantilal Das</u> Amartya Sen on the Idea of Justice: An Alternative approach to Rawls theory of Justice	ICPR	2013-14
Minor Research Project		
Title of the Scheme Project	Sanctioned Authority	
<u>Dr. Anirban Mukherjee</u> 'Escaping the constraint of extremes: A new theory of the middle way following Mādhyamaka Philosophy'	North Bengal University supported UGC project	2014-2015
<u>Dr. Laxmikanta Padhi</u> An Ethics for the Animals: Debates and Dimensions	University of North Bengal	April 2014 to 31 st December 2014

13. Visiting Fellow:

Name of the Visiting Fellow	Duration	
1. Dilip Kumar Mohanto	01.09.2014 – 11.09.2014	
2. Prof. Shefali Moitra	03.11.2014- 13.11.2014	



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 offers five special Courses. The students are also offered one practical Research Methodology training based on field survey. It also executes regular M.Phil and Ph.D Courses. Apart from these, there are two posts of JRF where the NET/SLET qualified students work for their Ph.D Degree, Part-time scholars in huge number also work for Ph.D. under the supervision of different teachers.

Faculty

Professor	Associate Professor	Assistant Professor
Dr. M.Yasin	Dr. Maya Ghosh	Smt. Ranjita Chakrabarty
Dr. Anup Kr. Datta	Dr. Dyutis Chakraborty	Sri Ramesh Dural
Dr. Manas Chakraborty	Dr. Arun Kanti Jana	
Dr. Soumitra De		

Name of the Research Scholars :

Shanta Kerketta, Amrita Roy Sarkar, Biki Biswakarma, Chimme Tamang, Bhajan Basak, Purnima Roy, Tseten Uden Bhutia, Akangsha Mukhia, Aloka Roy, Mukunds Giri

Name of the Project Scholars : Nil

Name of the Non-Teaching Staff :

- 1) Ramprosad Bhattacharjee

Enrolment of Students :

	SC	ST	GEN	OBC	Total
	M-F	M-F	M-F	M-F	
Sem.-I	21-18	06-04	13-08	00-03	73
Sem.-II	20-15	06-05	13-08	00-03	70
Sem.-III	10-11	00-05	16-15	01-02	60
Sem.-IV	10-11	00-05	16-15	01-02	60

Activities of the Department during the Year 2014-2015

Seminars/Workshops organized by the Department :

1. Symposium on 'Human Rights : Ethics, Values and Ideology', March 2015(UGC)
2. National Seminar on Nehru and Nation-building in India, March 2015 (Centre for Nehru Studies)

Major 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)

Publications:

Prof. M.Chakraborty:

Post Nehruvian Politics in India, Kolkata, 2015 (Book)

"The Kashmir Issue: Bane of Contention in India-Pakistan Relations" in S.Misra(ed) Studies on Pakistan, New Delhi, 2014.

Judiciary and Multiculturalism in India, NAM Today, Vol.55, 2015.

Social Justice and Indian Polity, South Asia Politics, Vol-3, 2015.

Dr. Arun Kanti Jana :

The Construction of a Kosli Identity and the Movement for a Separate State of Kosal in Western Odisha in the book.

S.K. Roy & R.S. Mukhopadhyay(eds), Ethnicity in the East and North-East India.

Dr. M.Ghosh :

Tribal Culture in the Matrix of an Inclusive Society, Studies of Tribes and Tribals, Vol-12, 2014

Ranjita Chakraborty :

"Protesting Environmental Pollution" in Indian Journal of Law and Social Justice, Vol-2, 2014

SAP-DRS :

The UGC has elevated The Status of the SAP of the Department of Political Science from the stage of SAP-DRS-II to the stage of DRS-III.

Department of Sociology

1. Name of the Department : Sociology
 2. Date of Establishment : 1976
 3. Introduction of the department : 1976
 4. Name of the Faculty :

Professor	Asst. Professor	Associate Professor
Prof. R.S.Mukhopadhyay	Nil	Dr. Swatashiddha Sarkar
Prof. Sanjay Roy		
Prof. Saswati Biswas		
Prof. Mita Bhadra		

5. Name of the Research Scholars : 2014-15 (Year)

Sl. No.	Name
01	Sonam Choden
02	Gour Gopal Barman
03	Birendra Bhujel
04	Rajdeep Sunar
05	Pema Choki Bhutia
06	Ankita Banik
07	Renuka Rai
08	Mampi Paul
09	Pema Rinzing Bhutia
10	Devasish Rai

6. Name of the Project Scholars : Nil

7. Name of the Non-Teaching Staff:

Name	Designation
Mr. Shambhu Das	Jr. Assistant cum Typist
Mr. Dinesh Sharma	Casual Peon

8. Students Strength

Students	Male	Female	Total
Part-I 1 st Sem., 2014-15	05	27	32
Part-I 2 nd Sem., 2014-15	09	21	30
Part-II 3 rd Sem., 2014-15	06	20	26
Part-II 4 th Sem., 2014-15	09	19	28

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

Sl. No	Teacher's Name	Name of the Conference/Seminar	Date and Venue	Title of the Paper
1	Prof. Rajat Subhara Mukhopadhyay	National Seminar on Socio-Cultural Life of Hill People	6-7 th December, 2014 Netaji Museum, Kurseong	'Tribal Discourse in Darjeeling Hills'.
		National Seminar on Fieldwork Tradition of T.C Das	11-12 March 2015 Department of Anthropology, Vidyasagar University	'Fieldwork Tradition in Indian Anthropology: the Image and Reality'.
		National Seminar on Development Backwardness and Communities in North Bengal	26-27 th March 2015 Department of Sociology, NBU	'Gender based Violence in Tribal Society: Some Facts on Witch Hunting from Southern North Bengal'.
2	Prof. Sanjay Roy	Sikkim University		'Adivasi Movement in Terai and Dooars Region of North Bengal'.
		Itanagar	November 22-23 rd 2014	'Forms of Alienation of Adivasi and their Responses'.
		National Seminar on Development and Displacement : Issues and Challenges	January 15, 2015 University of Gour Banga, Malda	'The Impact of Development Projects on the Indian Tribes'.
		National Seminar on Development, Backwardness and Communities in North Bengal.	26 th - 27 th March, 2015 Department of Sociology, NBU	'Development Discourses'.
		45 th Annual Conference of IAS	May 23-25 th 2015 Department of Jute Technology, Calcutta University	Chaired the session on 'Issues in Social/Cultural Anthropology in

				Contemporary Times'.
3	Prof. Saswati Biswas	National Seminar on Development, Backwardness and Communities in North Bengal.	26 th - 27 th March, 2015 Department of Sociology, NBU	'Lifestyle and Health: Emerging Issues in North Bengal'.
4	Dr. Swathasidda Sarkar	2nd National Conference on Politics & Governance	August 3 rd 2014 MDRF Academy of Politics and Governance New Delhi	Reflections on Parliamentary Elections and Gorkhaland Movement in Darjeeling Hills
		National Conference on Interrogating Development: Regional and Sub-Regional Trends in India in the Era of Globalisation	29-30 th March 2015 St. Joseph's College, North point Darjeeling	Globalisation and Regionalism: Synergy and Contradictions

10. Organized Seminar/Conferences:

Name of the Seminar/Conference	Date of the Seminar/Conference	Tropic
National Seminar	26 th and 27 th March, 2015	Development, Backwardness and communities in North Bengal

11. Publication : A (Books)

Name of the Author	Name of the Book/Journal/Volume	Year of Publication
Prof. Sanjay Roy (editor)	Social Trends Volume I (Journal)	2014
Prof. Sanjay Roy, Prof. R. S. Mukhopadhyay	Modes of Ethnic Identity Construction in India (Book)	2015

B.(Articals)

Author's Name	Name of the Articles	Journal/Volume	Year	Publisher and ISSN/ ISBN no
Prof. Sanjay Roy	'Tribal Question in North-East India: Changing "Governmentality" and Identity Politics'	In A.K Danda (et. al) edited <i>Unrest, Insurgency and Beyond</i> . Pp 57-99.	2015	INCAA and IGRMS: Jhargram. ISBN 978-93-83088-06-5
	'Marginalisation, Alienation and Ethnic Identity Formation: The Case of the Adivasis in Doors and Terai Regions of North Bengal'	In Sanjay Roy and R. S Mukhapadhyay (eds.) <i>Ethnicity in the East and North-East Inida</i> . Pp183-213.	2015	Gyan Publshing House: New Delhi. ISBN 978-81-212-1255-7
	'Deserted Women in Patriarchal Sikkim and Darjeeling Hills' (with Babika Khawas as co-ator)	<i>Social Trends: Journal of the Department of Sociology of North Bengal, Vol.2(1) pp. 35-55</i>	2015	ISSN 2348-6538
	'Colonised Physical and Mental Space and Conflicts in Cities'.	In Sumita Choudhuri (ed.) <i>Facets of Urbanisation</i> . Pp	2015	Cambridge Scholars Publishing: UK. ISBN 978-1-4438-7111-2

12. Research Projects (Major&Minor):

Major Research Project

Title of the Scheme Project	Sanctioned Authority	
Nil	Nil	

Minor Research Project

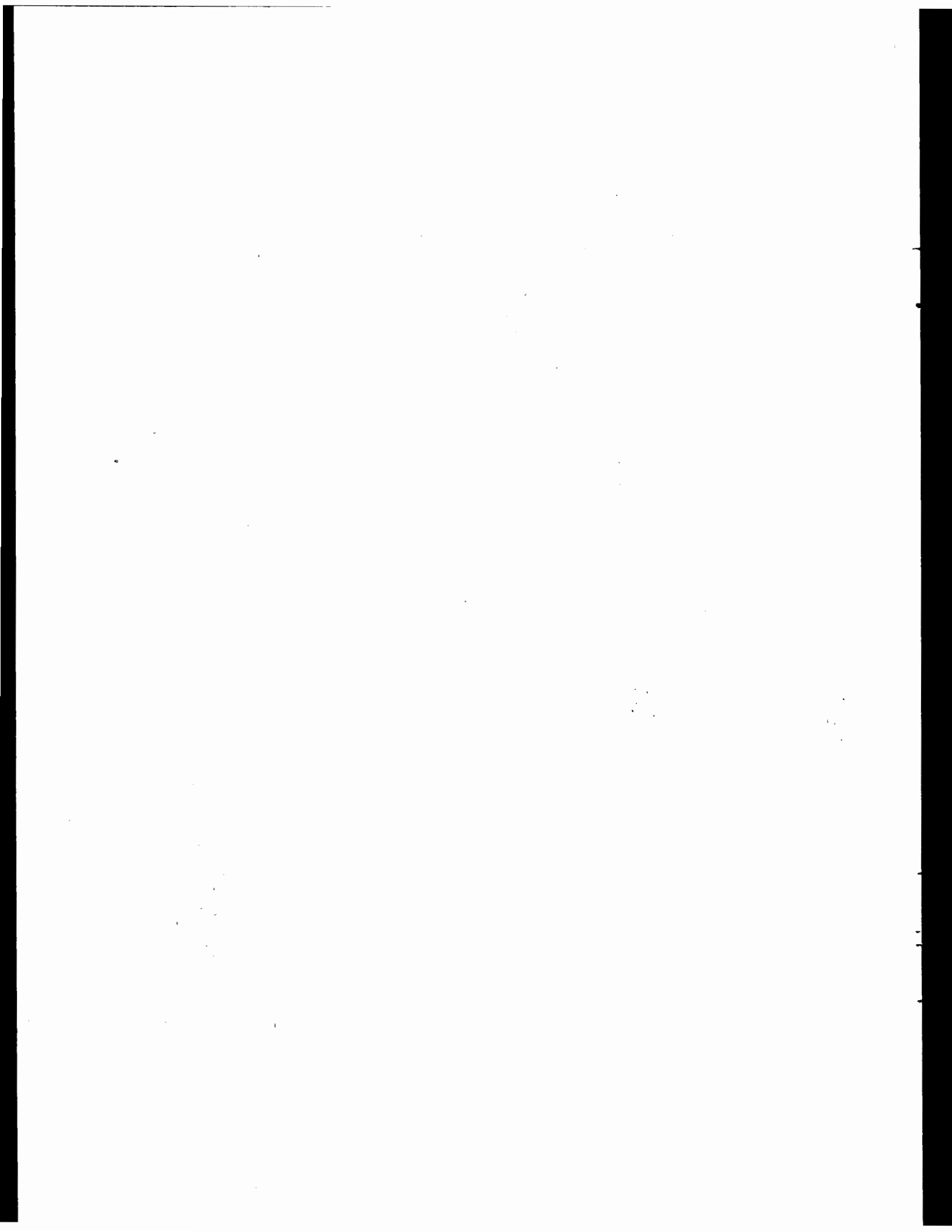
Title of the Scheme Project	Sanctioned Authority	
1) Gender Based violence in Tribal Society with specula rejcecnce to watch-hinting is southern Region of North Bengal.	Prof . Sanjay Roy, DRS II Sap	

2) Witchcraft and witch-hunting among the central India Tribes in North Bengal		
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13. Visiting Fellow:

Name of the Visiting Fellow	Duration	
1) Prof. Sharit K. Bhowmick (TISS) Mumbai		
2) Prof. Nikhilesh Kumar (Formaly with NEHU), Shilong	14.12.2014 - 19.12.2014	
3) Prof. Eva Kasparova (University of Economics, Pragul, Czech Republic)	05.02.2015 – 07.02.2015	

14. Any other information:



CHAPTER - III

RESEARCH CENTERS

Centre for Himalayan Studies

Name of the Centre – Centre for Himalayan Studies

Period of report- 1.4.2014 – 31.3.15

Introduction of the Centre

The Centre is an interdisciplinary research centre under the Area Studies Programme of the U.G.C. The thrust area of the centre comprises of the Eastern Himalayas including Tibet, which is a part of China now, Bhutan, Sikkim which was an independent kingdom till 1974 , Arunachal Pradesh and Darjeeling, the northern most part of the state of West Bengal. The region is multi ethnic and multi religious.. Being strategically important, not all the parts of the area is openly accessible for field visit. For such areas as are not easily accessible the information is collected from secondary sources. For others, data is collected through secondary as well primary sources. The Centre prepares project proposals for every Plan period and carries on researches with the funds provided by the UGC.

In the Documentation Cell the Documentation Officer works with the objective to document all the major developments of the region and disseminate the information through publications. The Cell also collects the relevant documents –including Government publications as and when available, maintains paper clippings from the national dailies, maintains a small library and prepares Current Awareness list and Thematic Bibliographies on the region. All the major developments in the region are recorded and documented in the Area Reports.

Ph.D and M.Phil programmes are run by the Centre as part of its research activities from 1980 and 1991 respectively. The Ph.D. course work programme started from 1911

One P.G course on Strategic and Area Studies is also being conducted since 2005 in collaboration with the Department of Political Science .

Name of the Faculty

Professor –Dr.S.R. Mondal , Dr. R. Sahu,Dr. M. Choudhury-

Associate Professor – Dr.K.Datta

Assistant Professor Dr. U.Bhui

Name of the Research Fellows– Deepika Chhetri (University JRF), Vinay Limbu(University JRF), Aditya Subba(UGC JRF), Deepika Lama (Rajiv Gandhi Fellow), Suresh Subba (Rajiv Gandhi Fellow).

Documentation Officer – Ajay Misra

Cartographer- Dr. D.P. Boot

Senior Superintendent- H. Poddar

Students

3rd semester (Session 2013- 2015) Number of students 06

1st semester (Session 2014-2016) Number of students 10

M.Phil (2014-2016) – Number of students – 09

Seminar/conference/ Special Lecture organised by the Centre

1.Prof. S.N. Tripathy (Retd) of Utkal University delivered a lecture on 'Himalayan Studies :Perspectives of Geographical Research on 25.3.15

1. Shamita Sarkar, Department of History of Vidyasagar University delivered a lecture on 'Coal mining and its impact on Meghalaya' on 27.3.15

Academic activities of the Faculty members

Prof. Maitreyee Choudhury

Research project

1.Research project *Trans-border migration of young workers from Nepal to adjoining Indian states of West Bengal and Sikkim: An exploratory study*. Total grants received for the project: Rs. 50,000/- (2014-2015), Sanctioning authority: North Bengal University.

Any other relevant information

1.Member, School Board of Human Sciences, Sikkim University (2014 – 2017).

Prof. R Sahu

Relevant information

1.Delivered 2 lectures in the Refreshers Course on Law and Social Justice at the Academic Staff College, N.B.U. on 13.2.15

2.Delivered one lecture in the Orientation Programme organised by the Academic Staff College, N.B.U. on 9.3.15

Dr. Karubaki Datta

Seminar/conferences attended outside the country

1.Participated and presented a paper on 'Change and continuity – Preserving Tibetan culture in era of diaspora'. in the 23rd International conference of Historians of Asia(IAHA) held in Alor Setar, Malaysia, on 23-27 August 2014. Theme of the conference – *Asian history, historiography and heritage : Managing experiences and future.*

Seminar/conferences attended inside the country

1.Participated and presented a paper on Marginalised but not vanished -A focus on the Lepchas of Darjeeling in the National Seminar organized by the Netaji Institute of Asian Studies at Netaji Museum, Giddah Pahar, Kurseong on 6-7 December 2014.

2.Participated and presented paper on 'Tibetan connection in shaping the history and culture of Arunachal Pradesh'.in the ICHR sponsored National Seminar on *North East India- Before and after partition* with special reference to Tripura held on 14⁻¹⁵ February 2015 at Swami Vivekananda Mahavidyalaya, Mohunpur, Tripura.

Project-

UGC sponsored Major Research Project Forest management and deforestation in the eastern Himalayas with particular reference to Darjeeling Himalaya, A study in historical perspective. Sanctioned amount Rs 5,00,000. (To continue till June 2015)

Publication

1. 'Across the peaks and through the passes –Tibetans in the hills of Darjeeling' in Anita Bagchi (ed) North Bengal Omnibus, B.R.Publications, Delhi, 2015

Dr. U.Bhui

Seminar:

Presented paper entitled "Modernity and Environment in the Himalayas: A Case Study of Darjeeling Himalaya" in the UGC sponsored National Seminar on "Population, Urbanization and Changing State of Environment" organized by the Department of Geography, Birpara College, Jalpaiguri in collaboration with Siliguri Geo-Environmental Welfare Society on 11-12 September, 2014.

Publication:

1. "Modernity and Environment in the Himalayas: A Case Study of Darjeeling Himalaya" in Nuruzzaman Kesemi and Tarun Das (edited) Book entitled "Population, Urbanization and Changing State of Environment" published by N.S.P.S on behalf of Teacher-in-Charge, Birpara College, Jalpaiguri (ISBN: 978-93-84671-04-4).2014

Research Projects:

1. "Micro-Sociology of Inter-Ethnic Relationships: A Study in Darjeeling District and Dooars since the Formation of Gorkhaland Territorial Administration", Total grants received for the project Rs. 50,000, Sanctioning authority, University of North Bengal

2. ICSSR sponsored Major Research Project on "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 their Identity and Development related Issues" Total amount sanctioned Rs. 5,50,000, From February 2015 to July 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 in 21 st Century: Livelihood, Environment and Sustainability	27-28 March, 2015.	

11. Publication:

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

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 2014 to 31st March 2015)

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 2015 for which syllabus has been formulated.

Following are the details of teaching & other courses conducted during the year 2014-15.

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 30.10.14 - 19.11.14. The theme of the Course was **Women, Society and Crime**.

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. Reproductive and Child Health –

To sensitize as well as to create awareness among the women section regarding the Reproductive health which is very much important at present situation, the Centre for Women's Studies, University of North Bengal has organized a 7 day certificate course on *Reproductive and Child Health from 10th -17th March, 2015*. The course was for the graduate female, as well as women working in the health sectors and NGOs etc.

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 18th -26th March,2015.*

B-3. Research Methodology (13-19 March,2015)-

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 13th-19th March,2015.

Training Programme

Computer Awareness and Literacy Programme

Computer Awareness and Literacy Programme was held on 21st -22nd March, 2015 in the CRSA, University of North Bengal by CWS, NBU. The target group were girls who had completed Class X.

Field Action –

International Women's Day

The Centre for Women's Studies has organized the *International Women's Day* in collaboration with the Clinical Legal Aid, Department of Law, University of North Bengal, Gitaldaha Bikash Samity, Dinhat, Coochbehar an NGO working on Women's issues and G-NESEP, Madarihat, Alipurduar, working on Tea Garden Women.

Poster Competition:-

Poster Competition on "*Women in 21st Century: Livelihood, Environment and Sustainability*" has been organized by CWS on 28th March 2015 for the students of North Bengal.

Essay Competition

To create awareness amongst the college students of six districts of North Bengal,CWS every year has been organizing essay competition since 2013.This year the topic of the essay competition was " Beti Bachao,Beti Padhao" /"Save the Girl Child,Teach the Girl Child".Essay competition has been organized in four languages viz. English, Hindi, Bengali and Nepali.

Awareness Programme:-

Awareness programme on Sexual harassment bill has been organized on 23rd March 2015 for all the students of North Bengal University. District Judge was the special guest as a key speaker along with the teachers of Law Department,NBU.There was an interactive session attended by 400 students and they were really benefitted by the programme.

Workshop:-

CWS in collaboration with Gyan Jyoti College has organized a one day workshop on 31st March 2015 on "The Status of Women & Their rights in India."

NATIONAL SEMINAR

The Centre for Women's Studies organized a UGC Sponsored National Seminar on Women in 21st Century: Livelihood, Environment and Sustainability from 27-28 March, 2015.

Participatory Activities:-

- Gender Sensitisation Programme organized by BISAKHA & WOMEN CELL Saheed Kshudiram College, Kamakhyaguri, Alipurduar, in collaboration with CWS, NBU on 9th January 2015.
- On 12th April, 2014, Regional conference organized by SOMI, an organization of Midwives.
- Interaction with the students of school of street children organized by Indian National Academy celebrating the day for Unity & World peace Mission.

THE PROJECT WORKS taken during the 2014-2015 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:-

- Monograph published on Handicrafts and traditional knowledge of women of North Bengal.
- Journal of Women's Studies Vol-VI – No-1 ,2013 –ISSN -2320-3625 (ISSN number received on Jan 22,2013)
- Gender Atlas of West Bengal by Dr.Sushma Rohatgi, Director,CWS,
- Women in 21st Century: Livelihood, Environment and Sustainability edt. Dr.S.Rohatgi (in Press)

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.

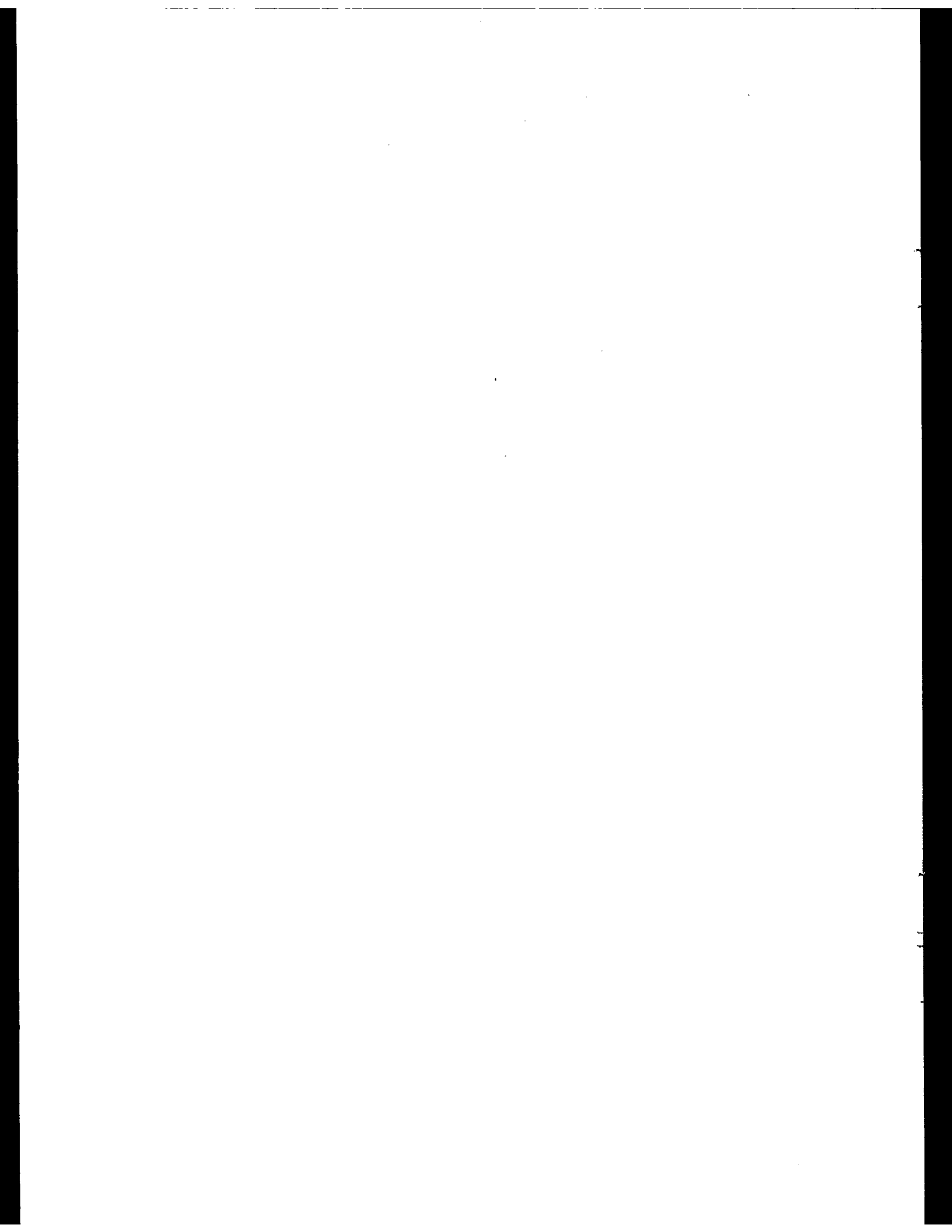
Human Resources

As of 31st March, 2015, the following members constitute the existing manpower at the Centre for Women's Studies:

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

Besides Advisory Committee of CWS constituted by NBU. The following teachers and Officers are the members of the Advisory committee take parts in all the activities of CWS:-, Prof. Bonita Aleaz, Department of Political Science, Calcutta University; Prof. Raghunath Ghosh, Department of Philosophy, NBU, Prof. S. R. Mandal, Centre for Himalayan Studies, Centre for Himalayan Studies,

NBU, Dr. Maya Ghosh, Department of Political Science, NBU, Dr. Ratin Bandyopadhyay, Department of Law, NBU, Dr. Indira Lepcha, Department of Geography, NBU, Smt. Dalia Bhattacharya, Department of History, NBU, and Mr. S.N Saha, AAO, NBU.



High Energy & Cosmic Ray Research Centre

1. Name of the Department: High Energy & Cosmic Ray Research Centre

2. Year of Establishment: 1991

3. Introduction of the Centre: The Centre has been established jointly by the University Grants Commission and the State Government of West Bengal under the program "Improvement of Research in the Universities".

The Centre is engaged in theoretical as well as experimental advanced research in different branches of High Energy Astrophysics and Astroparticles including Cosmic Rays. The Centre has a collaborative research program with the Bose Institute, Kolkata with an objective of studying cosmic rays at high altitude. The Scientists of the Centre are also involved in different National Science Projects.

The Centre offers Ph.D. course in the field of Astrophysics & Astroparticle Physics. Besides that, the Scientists of the Centre are also involved in inter-disciplinary teaching program jointly developed with the Department of Mathematics under which a section of the 3rd and 4th Semester PG students of the Mathematics Department are taught General Relativity, Cosmology & Astrophysics. A few students of the 4th Semester students of the Physics Department do their project work under the guidance of the Scientists of the Centre.

4. Name of the Scientists:

Name	Designation
Dr. Samir K Sarkar	Jt. Sr. Scientific Research Officer
Dr. Arunava Bhadra	Sr. Research Physicist
Mr. Arindam Mukherjee	Sr. Research Officer

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

6. Name of the Project Scholars: Nil

7. Name of the Non-teaching staff:

Name	Designation
Sadhan Paul	Helper Gr. II

8. Students strength: N/A

9. Seminar/Conference attended

Name of the Scientist	Name of the Seminar/Workshop	Venue & Date	Title of the paper presented
A.Bhadra	IUCAA sponsored one day Workshop on "Mathematical Aspects of General Relativity"	Salesian College, Siliguri Campus, 22 nd August, 2014	GENERAL RELATIVITY IN HIGGS ERA
A.Bhadra	Saha Theory Workshop "Cosmology at the Interface"	Saha Institute of Nuclear Physics, Kolkata during January 28-30, 2015	Influence of cosmological expansion on the local accretion phenomena in galaxies

10. Seminar/Conference organized

Name of the Seminar / Conference	Date of the Seminar / Conference
Exploring the Cosmos	January 22, 2015

11. Publications

Title	Authors	Journal	Reference
Newtonian analogue of corresponding space-time dynamics of rotating black holes: implication for black hole accretion.	Shubhrangshu Ghosh, Tamal Sarkar, Arunava Bhadra,	Monthly Notices of the Royal Astronomical Society,	445, 4463 (2014)
Newtonian analogue of Schwarzschild-de Sitter spacetime: Influence on the local kinematics in galaxies.	Tamal Sarkar, Shubhrangshu Ghosh, Arunava Bhadra,	Phys. Rev. D	90, 063008 (2014)

12. Research projects: One

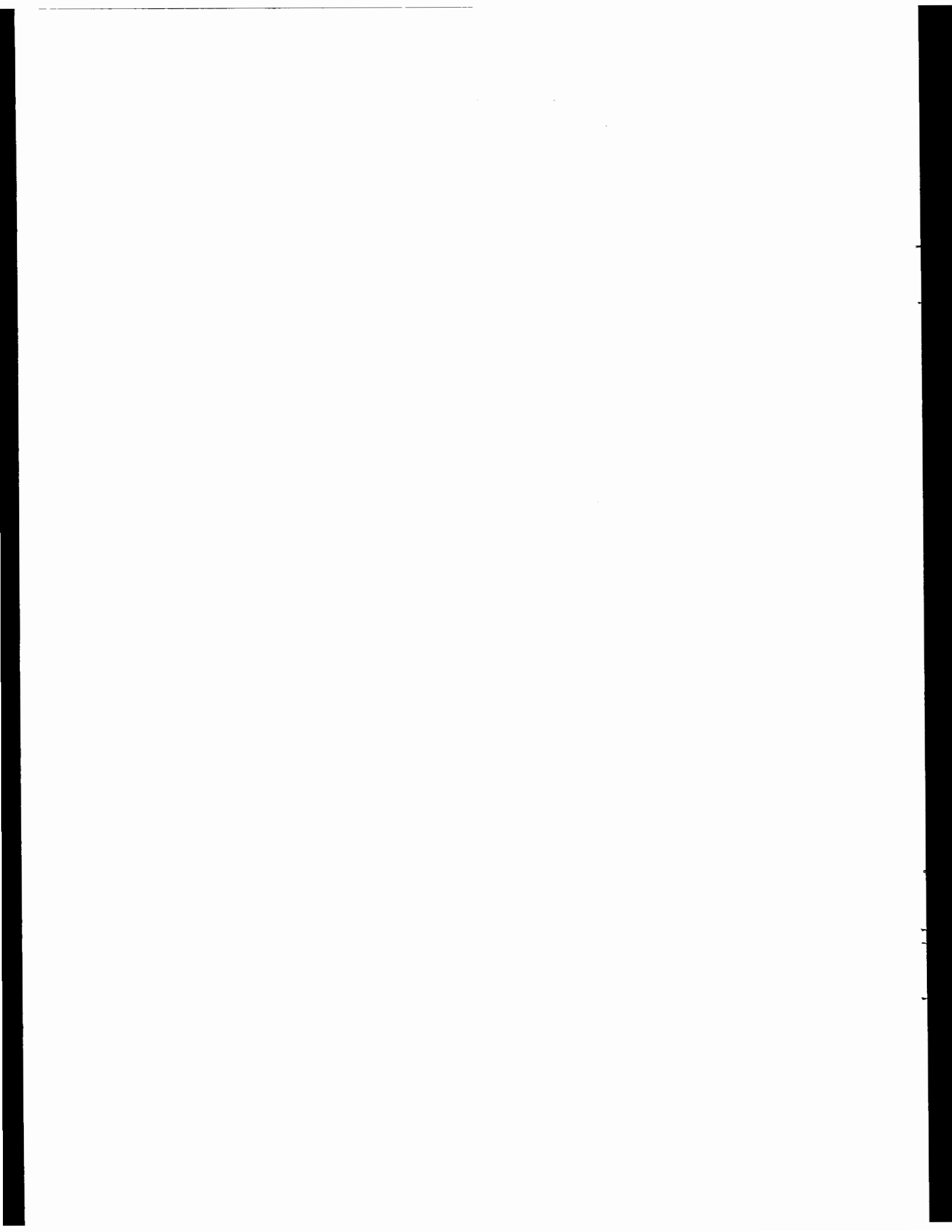
13. Visiting fellow: Nil

14. Any other Information:

i) Apart from the regular activities, Mr. Arindam Mukherjee shouldered additional charge of the Headship of the Computer Centre with the request of the University authority.

ii) Dr. A. Bhadra acted as an External Examiner for Ph.D. Viva Voce Examinations at different reputed institutions including TIFR. and also acted as an External Expert in the Selection Committee meeting for

recruitment of Research Scientists (D) and RA in the DST sponsored IRPHA project entitled "Study of cosmic ray interactions and cosmic ray aerosol cloud connection in the context of regional climate change" at Bose Institute, Kolkata.



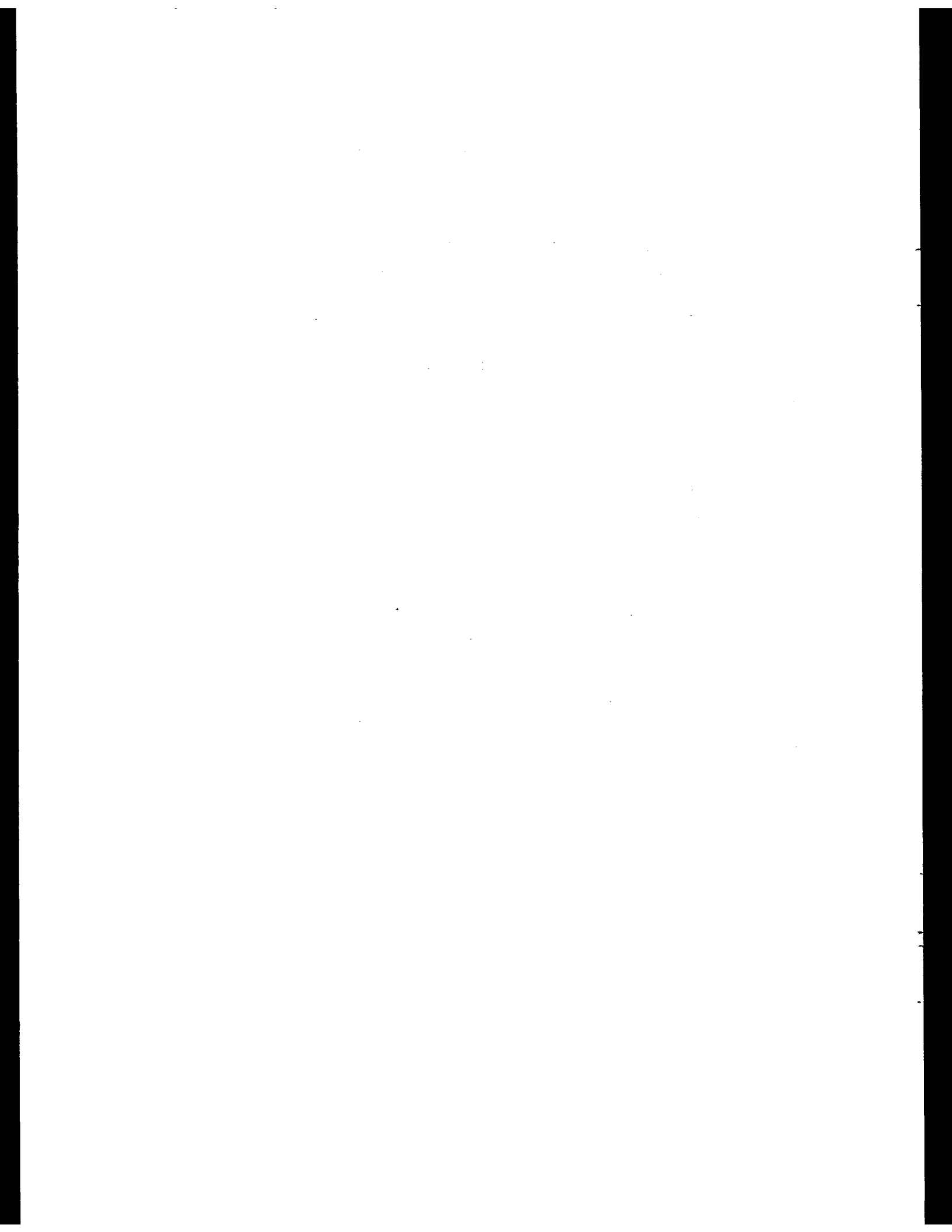
University Consultancy Cell

The 'University Consultancy Cell' (UCC) was established in the University of North Bengal in the year 2008 as a Cell that will provide consultancy services in lieu of monetary charges to individuals, firms, companies, societies, institutions, agencies of government and non-government organization in India and abroad in various fields of regional development, poverty alleviation, natural resource management, environment conservation and re-generation, rural and urban economic growth initiatives and related activities. The Cell provides consultancy services in the said areas in micro as well in macro levels by utilizing the Academic Knowledge, capability and experience of the manpower at the disposal of the University.

The last two consultancy work undertaken by the University Consultancy Cell, University of North Bengal was the

- i) International Work – “The Studies on the Environmental Impact Assessment and Environmental Management Plan of Mangdechhu hydro Electric Project, Trongsa, Bhutan” in 2011. The project was handled by Professor Abhay Prasad Das, Department of Botany, University of North Bengal as who was the project Leader and
- ii) Preparation of Contour Map of Drainage Management in English Bazar Municipality, Malda.” Professor Subir Sarkar, Department of Geography and Applied Geography, University of North Bengal was the Principal Investigator who was assisted by the other expert faculties of the department of Geography and Applied Geography.

University Consultancy Cell can be of help to the society, by rendering societal development and also providing economic development to the society as it has done in the three hydel projects in North Bengal (Teesta Low Dam Projects in the Kalijhora Upstream) in the last two decades by preparing the Environmental Impact Assessment and Environmental Management Plan Reports.



Centre of Floriculture and Agri-Business Management

1. On farm trails

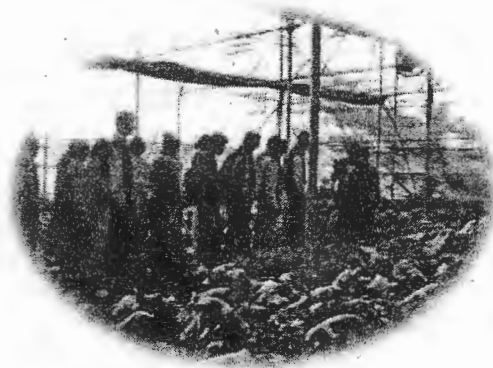
- a) OFTs on Salad crops, Aromatic herbs, Dragon fruit, and Horticultural crops were conducted inside the COFAM premise. The lists of crops are given below.

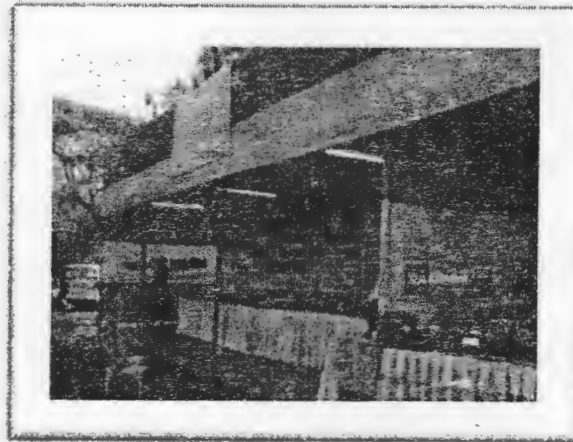
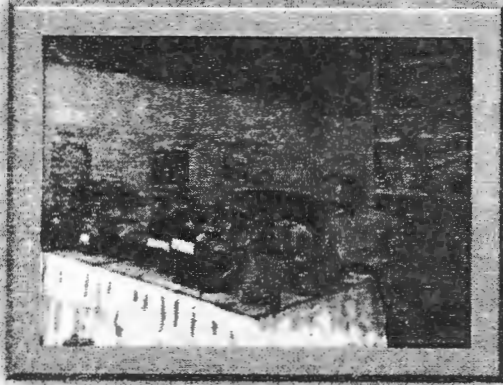
A. Salad crops	B. Exotic fruits	c. Aromatic herbs
Parsley	Dragon fruit	Sweet basil
Celery	Plum	Oregano
Cherry tomato		Thyme
Yellow zucchini		Sage
Summer squash		
Lettuce		
Iceberg lettuce		

- b) Latest production/protection technologies like using of mulch film are demonstrated in the farmer's fields.
- c) New variety of Strawberry (Sweet Charlie), Banana (G-9), and papaya (Red lady) are popularized.

2. Farm advisory and extension services

- a) COFAM technical resource persons visit farmers' field monthly or as and when required in collaboration with W.B.C.A.D.C Siliguri-Naxalbari project, (under Ministry of Rural and Panchayat, Government of West Bengal).





Stall in West Bengal Science Congress 2015

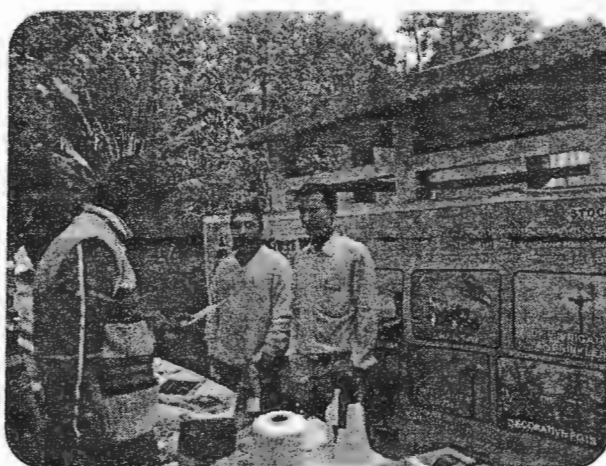
- b) Field problems are assessed and suitable remedial measures are advised on the location.
- c) COFAM has actively participated in Farmers fair, Exhibition, Krishi katha program in Uttar Bangla channel, seminar, ex trainees meet under extension services.

3. Workshop & Seminar

Workshop & On-Farm Demonstration of growing technologies of selected Horticultural cash crops & available technologies-implements to boost horticulture industry in North Bengal was organized in COFAM in 12th DEC 2014



Welcome address by Dr. R. Chakraborty, (HOD, Biotechnology) & Special Address by Dr. Papiya Bhattacharya, (ADO), Agriculture Office, Matigara Block.



Exhibition displayed during Seminar

4. Hands-on training

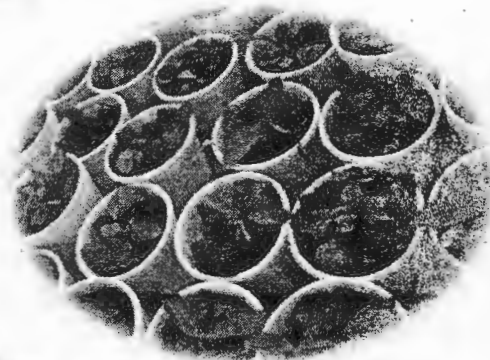
Short and long term Hands-on training on Vermi-compost, Strawberry, Gerbera, Mushroom, and Capsicum were organized for poor farmers/unemployed youth/women/Agri-preneur of North Bengal.



Hands on Training on Vermicompost, Gerbera & Strawberry

5. Production of elite, virus free, planting material of different horticulture crops.

Sl.No	Crop	No of sapling produced
1	Colour capsicum	5000
2	Darjeeling mandarin oranges	1000
4	Papaya (Red Lady Variety)	600
Orchid		
5	Phelanopsis	20,000
6	Cataleya	5000
7	Oncidium	2000



6. Awareness camp

An awareness camp on Organic farming for kids was organized to inculcate healthy organic food habit in kids in association with Modi public school, Matigara.



7. Supply of quality planting material of capsicum, strawberry, tissue culture G-9 Banana to different Govt organization for the distribution to the farmers in four blocks under Siliguri Mahakuma Parishad under Nation Horticulture Mission & A.T.M.A. Scheme.

7. Special highlight



Strawberry Cultivation at Patiram Jote, in Matigara Block

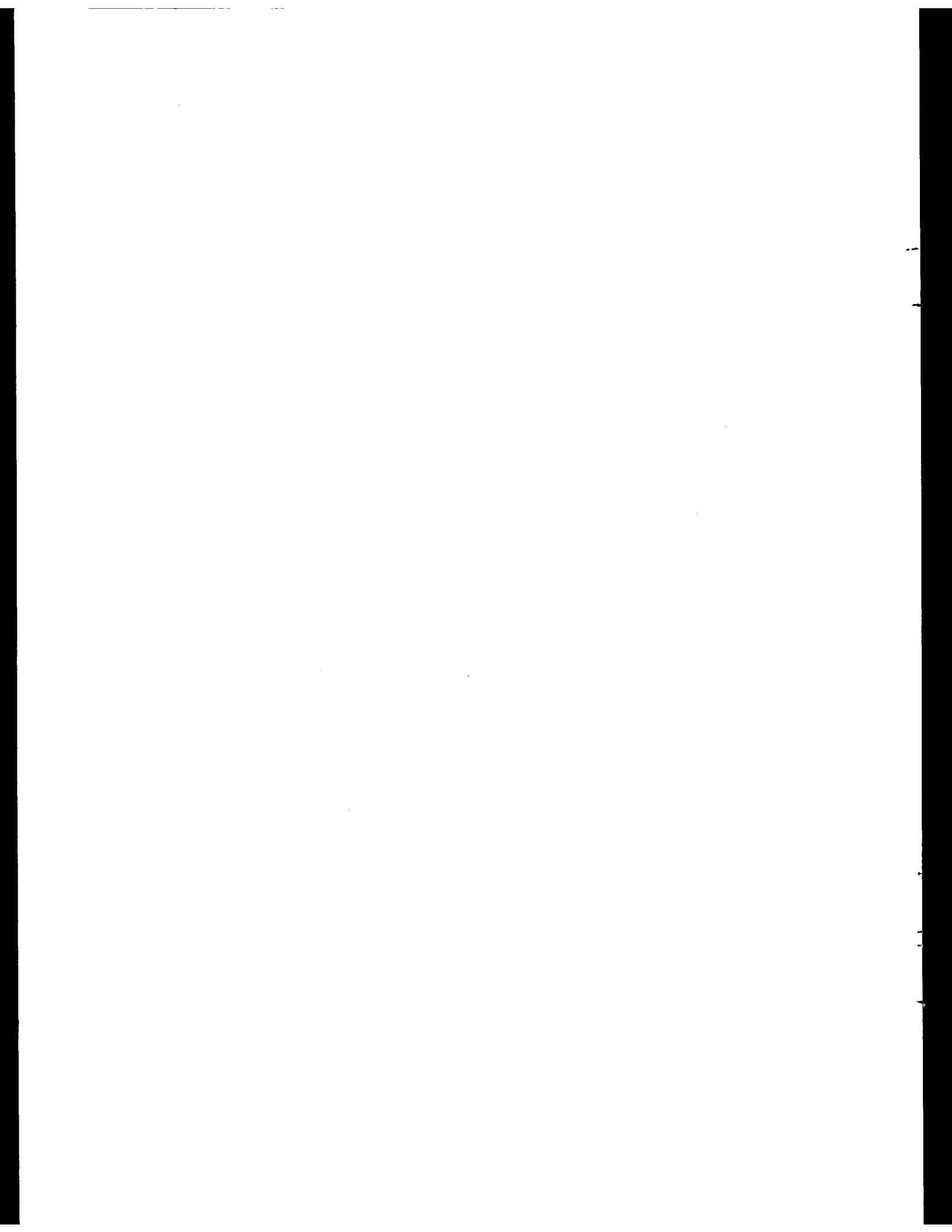
Few commercially successful horticulture Projects in North Bengal under the Technical guidance of COFAM, NBU in 2014-15 are listed below.

Sl.No.	Profile of farmer	Area of Project	Crop
1	Shantimoy roy, Vill-Nijbari, Block-Phansideva, Darjeeling.(W.B)	3600Sqft	Strawberry
2	Mr. Sanjay Rakshit Saptgurihat, Bidhannagar, Dist- Darjeeling.(W.B)	10,764 Sqft	Coloured capsicum
3	Shri Ashok Dev Naxalbari,Darjeeling	3600 Sqft	Strawberry/Applekul
4	Shri Shukumar mallick , Shri Vidyasagar vyapari & Rajiv das	14,400 sqft	Strawberry
5	Shri Gopal Biswas Mynaguri,Distt-Jalpaiguri	3600sqft	Strawberry
6	Shri Parimal Bose Gajaldoba,Dist-Jalpaiguri,(W.B)	3600sqft	Strawberry

8. Media Highlight

Media had played pivotal role in dissemination of necessary technical knowhow and activities of COFAM to farmers of North Bengal.





Centre for Studies in Local Languages & Cultures

1. Name of the Department : Centre for Studies in Local Languages & Cultures
2. Date of Establishment : 2001
3. Introduction of the Department : Centre for Studies in Local Languages & Cultures
4. Name of the Faculty : Dr. Nikhilesh Ray ,Director(Honorary)
Professor Reader Sr. Lecturer/Lecturer

5. Name of the Research Scholars : NIL

6. Name of the Project Scholars : NIL

7. Name of the Non-Teaching Staff :

Name	Designation
Jolly Majumder	Project Assistant (Casual)
Chandan Mallick	Peon (Casual)

8. Students Strength : NIL

	Students	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
Dr. Nikhilesh Ray Director(Honorary)	GADYOSHILPI VIVEKANANDA	BALURGHAT MAHILA MAHAVIDYALAYA, 7-8 AUGUST 2014	VIVEKANANDER GADYOCHINTA
	SWADHINATA PARABARTI BANGLA UPANYASE PRATIBAD	DEWAN ABDUL GANI COLLEGE, HARIRAMPUR, 17- 18 SEPTEMBER 2014	BANGLA UPANYASE PRATIBAD : SATTOR DASHAK
	BANGLA BHASA O SAHITYE NANA CHARCHA	SAMSI COLLEGE, 17 FEBRUARY 2015	RAJBANSHI LEKHAKDER BANGLA BHASA CHARCHA

1. Organized Seminar/Conferences:

Name of the Seminar/Conference	Date of the Seminar/Conference	
1. National Seminar-cum-workshop on 'Problems of Language Learning of the Students of SC Communities of Sub-Himalayan West Bengal' In collaboration with CIIL,Mysore, & Department of Nepali, University of North Bengal	19-20 August 2014	
2. Cultural Programme on,(Bishohara, Gomira & Bhedeikheli)	14 February 2015	
3. Panchanan Barma Smarak Baktrita Speaker : Dr. Dilip Kr. Kalita, Director, Anandaram Barua Institute of Languages & Cultures, Assam, at Conference		

Hall, University of North Bengal	27 March 2015	
4. 21st February Smarak Baktrita Speaker : Prof. Prakash Ch. Pattanaik, Head, Department of MIL, Delhi University, Delhi, at Conference Hall, University of North Bengal	28 March 2015	
5. Anchalik Kabita Utsab 2015, Conference Hall, University of North Bengal		
6. International Seminar on "Common Features in the Languages of Sub-Himalayan West Bengal" Conference Hall, University of North Bengal	28 March 2015	
	29-30 March 2015,	

2. Publication:

Name of the Author	Name of the Book/Journal/Volume	Year of Publication
Editor- Dr. Nikhilesh Ray	JOURNAL (Bairati) Volume-III	2014

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	

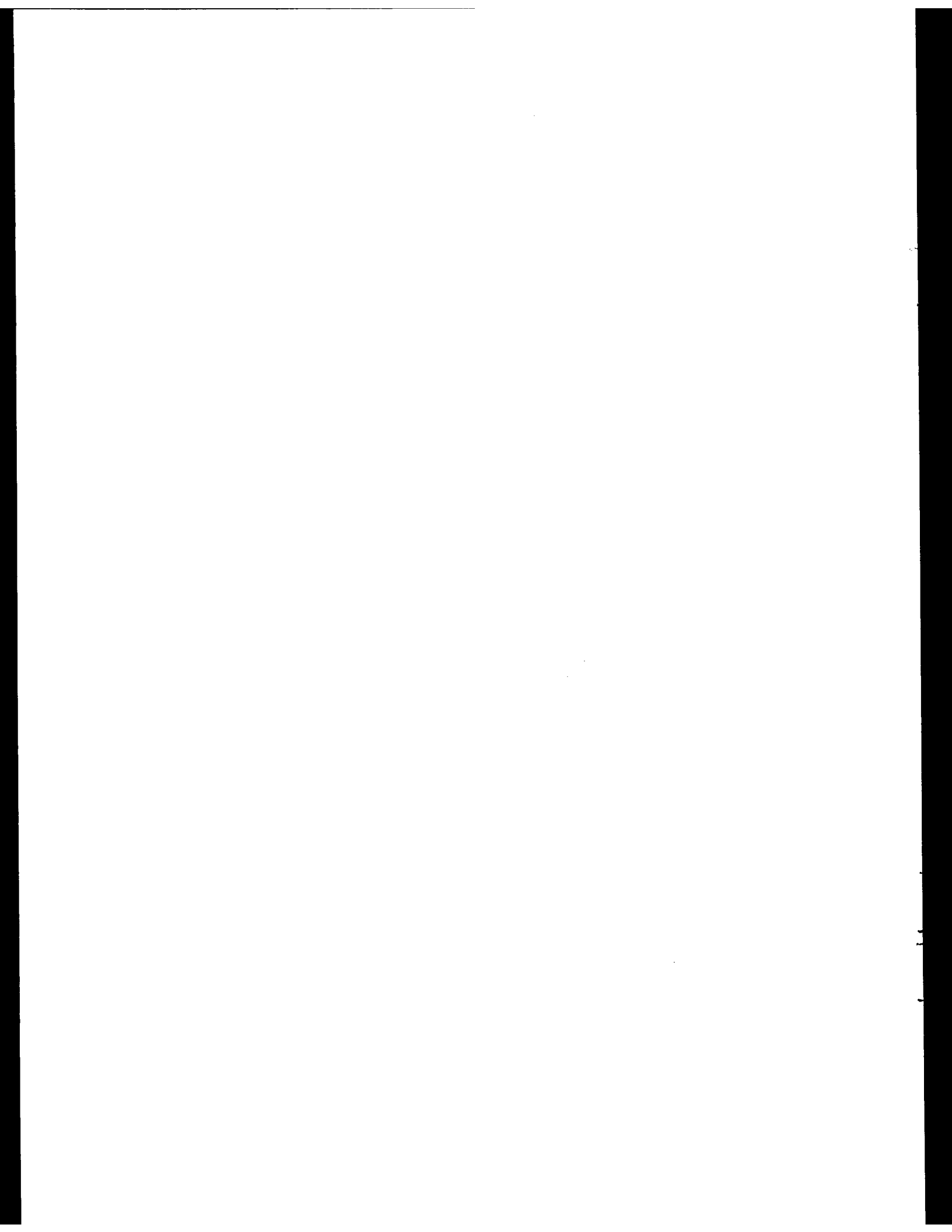
4. Visiting Fellow:

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

5. Any other information – Awarde Received – Dr. Nikhilesh Ray ,Director(Honorary)
DUARS SAMMAN , ALIPURDUAR-2015

CHAPTER - IV

UGC SPONSORED CENTRES



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 thirteen 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 benchmarks 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 Amitabha Mukhopadhyay, Dean, Faculty Council for PG Studies in Science, University of North Bengal.	Member
3	Professor P. R. Sengupta, 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 Soumitra De, Department of Political Science, University of North Bengal.	Member
6	Professor R. K. Samanta, Department of Computer Science & Application, University of North Bengal.	Member
7	Professor Prabir Kumar Sarkar, Department of Botany, University of North Bengal.	Member
8	Professor Usha Chakraborty, Department of Botany, University of North Bengal.	Member
9	Registrar (Officiating), University of North Bengal.	Member
10	Professor Dipak Ranjan Mal, Department of Chemistry, Indian Institute of Technology, Kharagpur.	Member
11	Professor Anup Sinha, Indian Institute of Management, Kolkata-700104.	Member
12	Sri Goutam Deb, Minister-in-Charge, North Bengal Development Department, Govt. of West Bengal, Siliguri	Member
13	Professor Swapan Kumar Saha, Department of Chemistry, University of North Bengal.	Director, IQAC & Member Secretary

IQAC is supported by the following Office Staff

Sri Nilkantha Biswas.

Sri Sanjay Rana.

Major activities/responsibilities undertaken during 2014-15:

1. Two meetings of the IQAC Cell have been organised during 2014-15. The Recommendations of the meeting have been implemented.
2. IQAC has conducted meetings of different sub-committees for calculation/verification of API score of the teacher applicants and applications of others academic staff of the University for promotion under CAS.
3. The AQAR for the year 2013-14 has been prepared and forwarded to the NAAC.
4. The draft AQAR for 2014-15 has been prepared. After final verification the AQAR for the year 2014-15 will be forwarded to NAAC.
5. The draft format for student's feedback on the performance of teachers, as suggested by the NAAC Peer Team is under preparation. The draft will be forwarded to the university authority for discussion in appropriate forum for further suggestion/modification etc.

CHAPTER - V

CENTRAL SERVICES

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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. Majority 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 favoured 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 Museum had undertaken a short programme under Falakata Police Station of Jalpaiguri District. During this programme 48 pcs. ancient silver coins of Laxmi-Narayan were discovered from the Dalimpur village of Falakata Police Station. Apart from some rare folk wooden objects (wooden mask etc.) have been collected from the Kharibari Police Station under the District of Darjeeling.

The following coins & wooden objects have been collected during the period 2014-2015



Seminat / Conference attended :

Superintendent (Technical) of the Museum Mr. F. Rahaman had attended All India Museum Associations Conference at state Museum, Guwahati, Assam organized by Directorate of Museum, Government of Assam and presented a paper on '**Regional Museums and Their Contribution in Indian Museums Movement**'

Visitors :

A large number of National and International 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 database for project work. During this period (April, 2014 to March, 2015) more than 9,000 visitors came to the Museum.

Publications :

1. Catalogue Part III for Coins at 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 : 1983 (UGC Reference F.55-5/83(T-II) dated 16.4.1983)
3. Introduction of the Department : The Computer Centre, University of North Bengal, an important central facility of this University (established in April, 1983 UGC Reference F.55-5/83(T-II) dated 16th April 1983) has been providing different services to the University for its internet and computing infrastructural support and services relating to teaching, training and research.

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 for Computer Centre, NBU.

4. Name of the Faculty: NA
5. Name of the Research Scholars: NA
6. Name of the Project Scholars : NA
7. Name of the Non-Teaching Staff: The existing staff of the Centre for the period 2014-15.

Name	Designation
A.Mukherjee	Head , Computer Centre (in additional charge)
Ratan Kr. Das	Jr. Computer Operator
Rajendra Nath Saha	Key Punch Operator
Mrs. Rita Ghosh	Jr. Peon

For detail information regarding the vacancy, no of approved post etc. pl. vide the letter of Registrar (Acting) bearing ref. No. 2382/R-11 dated 3rd June 2011 (copy enclosed).

8. Student Strength: NA
9. Seminar/ Conference attended(outside the country & within the country): None
10. Organized Seminar/Conferences: *A three day Seminar cum Workshop on Bioinformatics by the NBU Bioinformatics facility with NBU Computer Centre has been scheduled to be held during March 12-14,2015.*
11. Publication: None
12. Research Projects (Major & Minor): None.
13. Visiting Fellow: NA

14. Any other information:

A. *Providing Infrastructural Supporting for e-counseling of the Joint Entrance Examination 2014 held during 15th to 30th July 2014 at NBU Campus.*

B. *Providing Technical and machinery support for holding 1st, 2nd and 3rd year practical examination for B.Sc in software Systems/Information Technology, held during 15th to 20th September 2014.*

C. *Repairing & Maintenance Program undertaken by the Centre:*

The activities of the Centre in this regard include:

- (i) Installation of licensed software versions at various departments, Branches and Centres under University of North Bengal (on written requisition).
 - (ii) Installation of genuine Microsoft OS, for the computers at the NBU Kolkata Campus Office as had been completed within May, 2014.
 - (iii) Formatting and up gradation of the operating systems and other licensed software versions etc. (on written requisition).
 - (iv) Minor repairing and maintenance of the Computers (on written requisition).
 - (v) Extension of new connectivity to meet the requirement of better teaching, research and office management(on written requisition)
- D. Extension of support to the Departments/Centres for infrastructure with short term loan of Computers, printers, projectors etc.: The loans for such items have been considered for specific requirement basis and with prior approval/Office order as issued by appropriate authority and subject to availability of the item(s).
- E. As a support system for better learning environment for the students, on issuance of the specific office order from higher authority, some computers along with furniture had been transferred to the respective hub/site/ Centre on permanent basis after corresponding adjustment in the Stock Registrar.
- F. *Maintenance of LAN and Wi-Fi:* The Centre, with its very limited workforce, is organizing maintenance of the University LAN along with Wi-Fi connectivity in the hostels and guest house for providing uninterrupted Internet facilities to the users.

OFFICE OF THE UNIVERSITY ENGINEER

Construction & Development Work at N.B.U. for the year 2014-2015.

Sl. No.	Name of the Project	Project Cost	Funding Agency	Remarks
01.	Improvement of campus road of N.B.U. by Mastic Asphalt with repairing Pot-holes etc.	Rs. 75,00,000.00	State Govt. Fund	Work is completed
02.	Proposed horizontal extension (two floor) of Zoology Department at N.B.U. campus.	Rs. 71,32,211.00	State Govt. Fund	Work is in progress
03.	Proposed horizontal extension (two floor) of Botany Department at N.B.U. campus.	Rs. 71,32,211.00	State Govt. Fund	Work is in progress

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is crucial for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the need for a systematic approach to data collection and the importance of using reliable sources of information.

3. The third part of the document focuses on the analysis of the collected data. It discusses the various techniques used to identify trends, patterns, and anomalies in the data, and how these insights can be used to inform decision-making.

4. The fourth part of the document discusses the importance of communication and reporting. It emphasizes that the results of the data analysis should be clearly and concisely communicated to the relevant stakeholders, and that regular reports should be provided to keep them informed of the organization's performance.

5. The fifth part of the document discusses the importance of continuous improvement. It emphasizes that the organization should regularly review its processes and procedures to identify areas for improvement and implement changes to enhance its performance.

University Library

1. Name of the Department : University Library

2. Date of Establishment : 1962

3. Name of the Officer (*during the Financial Year 2014-2015*):

Sl. No.	Name	Designation
1	Sri Brindaban Karmakar	Joint Librarian & Librarian (In-Charge)
2	Dr. Ranjit Kumar Mitra	Assistant Librarian – Retired on 28.02.2015
3	Sri Shubhrangshu Kumar Mistri	Assistant Librarian
4	Sri Manash Esh	Information Scientist

4. Name of the Non-Teaching Staff (*during the Financial Year 2014-2015*) :

Sl. No.	Name	Designation
1	Sri Apurba Paul	Senior Assistant
2	Sri Parimal Chandra Roy	Assistant Librarian Grade-I
3	Sri Anup Chandra Singha Roy	Assistant Librarian Grade-II
4	Sri Rajib Roy	Assistant Librarian Grade-II
5	Smt. Ranjita Roy	Junior Assistant-cum-Typist
6	Sri Sanatan Barman	Senior Binder
7	Sri Phalendranath Roy	Sorter – Retired on 30.04.2014
8	Sri Krishna Kumar Chakraborty	Record Keeper
9	Sri Anil Sinha	Record Supplier
10	Sri Shyamal Kanti Dey	Sorter
11	Sri Harendranath Singha	Senior Library Attendant
12	Sri Gyan Narayan Pradhan	Senior Library Attendant
13	Sri Bisu Das	Record Supplier
14	Smt. Laxmi Sarkar	Senior Peon – Retired on 31.10.2014
15	Sri Kabiraj Biswakarma	Senior Peon
16	Smt. Manju Singha Roy	Junior Library Attendant
17	Shri Rakesh Lakra	Junior Peon

5. **Creation of computerized membership database (*during the Financial Year 2014-2015*) :** The computerized membership database of all members of the University Library is being going on alongwith provision of barcode.

6. **Total number of Data entered in the SOUL Database (during the Financial Year 2014-2015) :**
Total No. of copies : 2,36,540

7. **Contribution to Union catalogue of INFLIBNET (during Financial Year 2014-2015) :** The university library has contributed data of 2,00,400 documents with bibliographical details.

8. **Institutional Membership for the University of North Bengal (during the Financial Year 2014-2015):**

- i) British Council Library, Kolkata
- ii) American Library, Kolkata
- iii) DELNET-Developing Library Network, New Delhi

9. **Library Statistics (during the Financial Year 2014-2015) :**

a.

Sl. No.	Particulars	2014-15
	Total number of documents accessioned	2,72,010
I	Text Books	2,18,708
II	Reference Books	8,525
III	Rare Books	648
IV	Bound Periodicals	37,145
V	Theses	1,403
VI	Non—Print Materials	1,049
VII	Census	2,350
VIII	Reports	1,796
IX	Gazetters	180
X	Debates	206

b. **Total number of documents added (during the Financial Year 2014-2015) :**

2014-15
1,350

c. **Total expenditure for subscription of current Journals / Periodicals subscribed (during the Financial Year 2014-2015) :**

Session	Amount
2014-15	₹ 2,24,110.00

d. Total number of current journals/periodicals subscribed (Financial Year 2014-2015) :

Sl. No.	Journals	2014-15
I	Indian	552
II	Foreign	136
Total number of Journal Purchased		688

e. Total number of E-Journals / E-Periodicals available on On-line through UGC-INFONET Digital Library Consortium (during the Financial Year 2014-2015) : More than 8,000

f. Book budget (during the Financial Year 2014-2015) :

Grant	2014-15
UGC Grant	Nil
SAP	₹ 3,80,000.00
Others	₹ 2,35,000.00

g. Total number of students' members :

2014-15	2301
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h. Total number of other members :

2014-15	616
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i. Average issue/return of books (daily) :

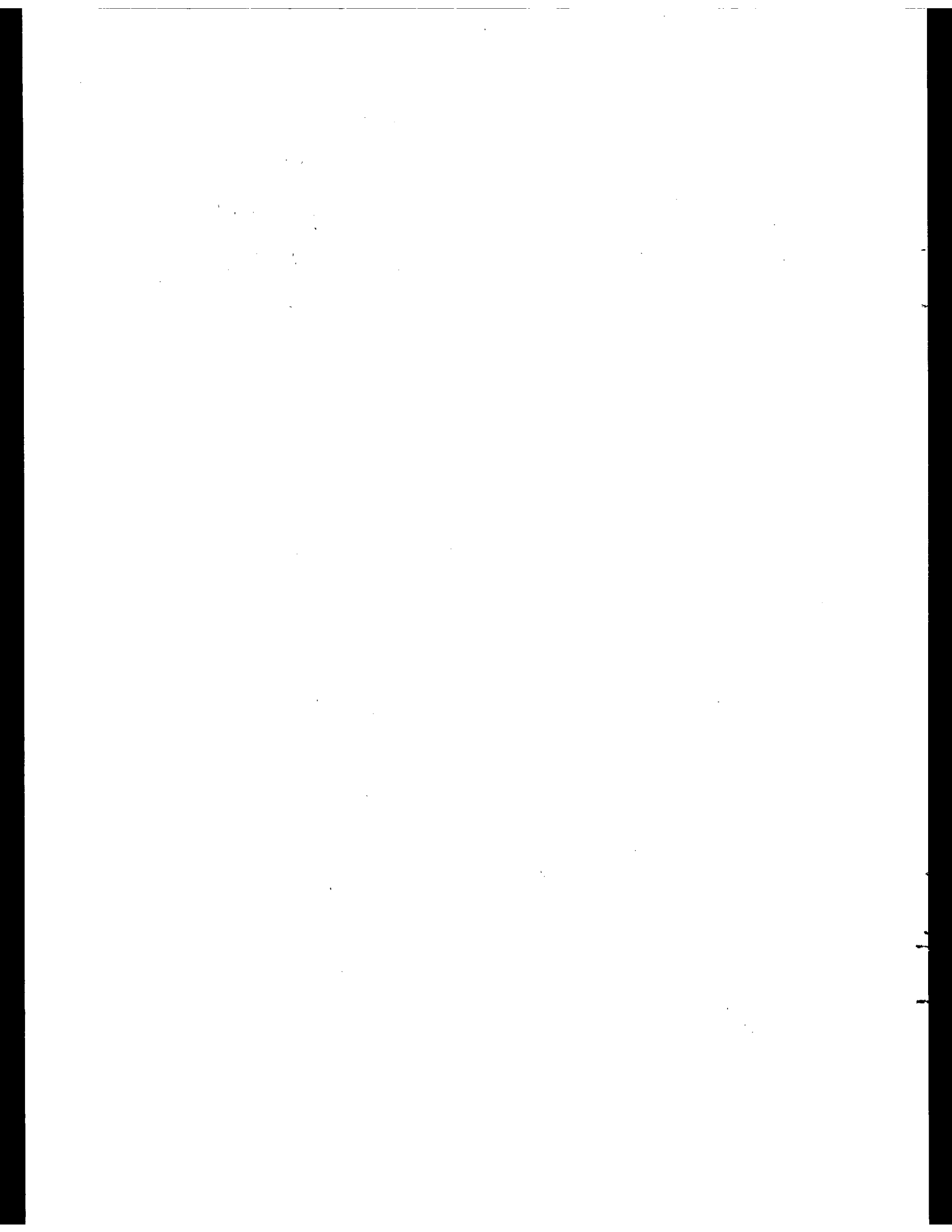
2014-15	230 (approx.)
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j. Average number of members visited daily in the library :

2014-15	150 (approx.)
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k. Seating capacity the library :

2014-15	150
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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: 2014-2015)**

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

5. **Name of the Research Scholars:** Nil
6. **Name of the Project Scholars:** Nil
7. **Name of the Non-Teaching Staff (Session: 2014-2015)**

Sl. No.	Name	Designation
1.	Ranjit Kumar Talukdar	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)

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	Introductory Workshop on Relativistic Astrophysics	Department of Physics, Gauhati University, August 21-23, 2014	Participation Only.
Tamal Sarkar	20 th Orientation Programme	Academic Staff College, North Bengal University, November 21, 2014 to December 18, 2014	Participation (A Grade)
Tamal Sarkar	Exploring the Cosmos: UGC Sponsored Conference on Astrophysics, Astroparticle Physics and High Energy Physics	High Energy & Cosmic Ray Research Centre, University of North Bengal, Siliguri, January 22, 2015	Dependence of gravitational transit time on Cosmological Constant for massive particle
Tamal Sarkar	National Conference on Modern Trends in Materials Science- 2015	University of North Bengal, February, 5-6, 2015	Participation
Tamal Sarkar	Joint IUCAA-ISI Workshop on Statistical Applications to Cosmology and Astrophysics (STATCOSMOS15)	Indian Statistical Institute, Kolkata, February 10-13, 2015	Participation
Tamal Sarkar	Physics and Applied Mathematics Researchers' Meet-2015	Indian Statistical Institute, Kolkata, March 18-20, 2015	Influence of Cosmological constant of Gravitational Time delay of massive particle
Tamal Sarkar	22 nd West bengal State Science Congress & Technology Congress-2015	University of North Bengal, Feb28 & March 1, 2015	Process of Triple formation and its Evolution Digital Circuit Designing using iverilog
Gautam Sarkar & Tamal Sarkar	22 nd West bengal State Science Congress & Technology Congress-2015	University of North Bengal, Feb28 & March 1, 2015	Switch Level Modeling using Verilog-HDL

10. Organized Special Lecture/Seminar/ Conference:

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

11. Publication:

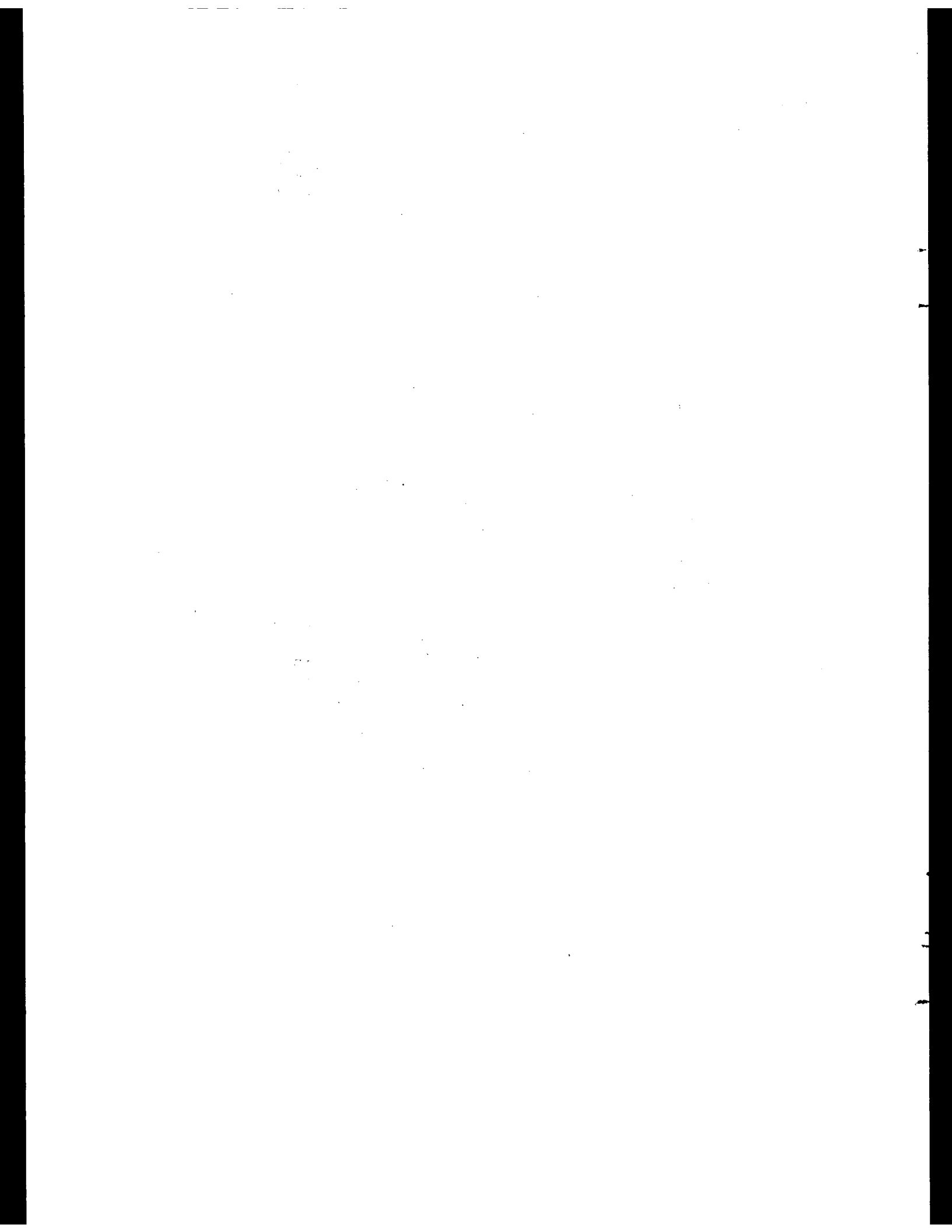
Name of the Author	Name of the BOOK/Journal/Volume	Year of Publication
Tamal Sarkar, Tanay Chattopadhyay	"Design of RS Latch and RS Flip-flop in quantum Cellular automata", Physics express 2014, 4:27, PP: 1-7, Cognizure, www.cognizure.com/pubs	2014
Tamal Sarkar, Shuhrangshu Ghosh and Arunava Bhadra	"Newtonian analogue of Schwarzschild-de Sitter spacetime: Influence on the local kinematics in galaxies", Physical Review D90, 063008	2014
Shuhrangshu Ghosh, Tamal Sarkar and Arunava Bhadra	"Newtonian analogue of corresponding space-time dynamics of rotating black holes: implication for black hole accretion", Monthly Notices of the Royal Astronomical Society, MNRAS 445, 4460-4476 (2014)	2014
Animesh Basak and Tamal Sarkar	"Image Analysis of Suzaku Observation of Transient Pulsar EXO 2030+375", Bonfring International Journal of Advances in Image Processing, Vol. 4, No. 1, December 2014	2014

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, Upgradation etc.) by the USIC during the year 2014-15:

SI No	Month & Year	No of Jobs	Break up Jobs under different Categories		
			Computer Hardware Maintenance	Electronics & Electrical	Mechanical
1	APR '14	20	07	12	01
2	MAY '14	25	11	14	00
3	JUN '14	16	07	08	01
4	JUY '14	17	07	09	01
5	AUG '14	26	18	08	00
6	SEP '14	14	07	06	01
7	OCT '14	09	06	03	00
8	NOV '14	21	10	11	00
9	DEC '14	24	17	06	01
10	JAN '15	17	12	05	00
11	FEB '15	20	14	06	00
12	MAR '15	21	10	09	02
Total		230			



UNIVERSITY PRESS

Established in the year of 1972

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

University Press has successfully printed and delivered the materials of 22nd West Bengal State Science and Technology Congress 2015 held on February 28 and March 1, 2015 at the NBU Campus.

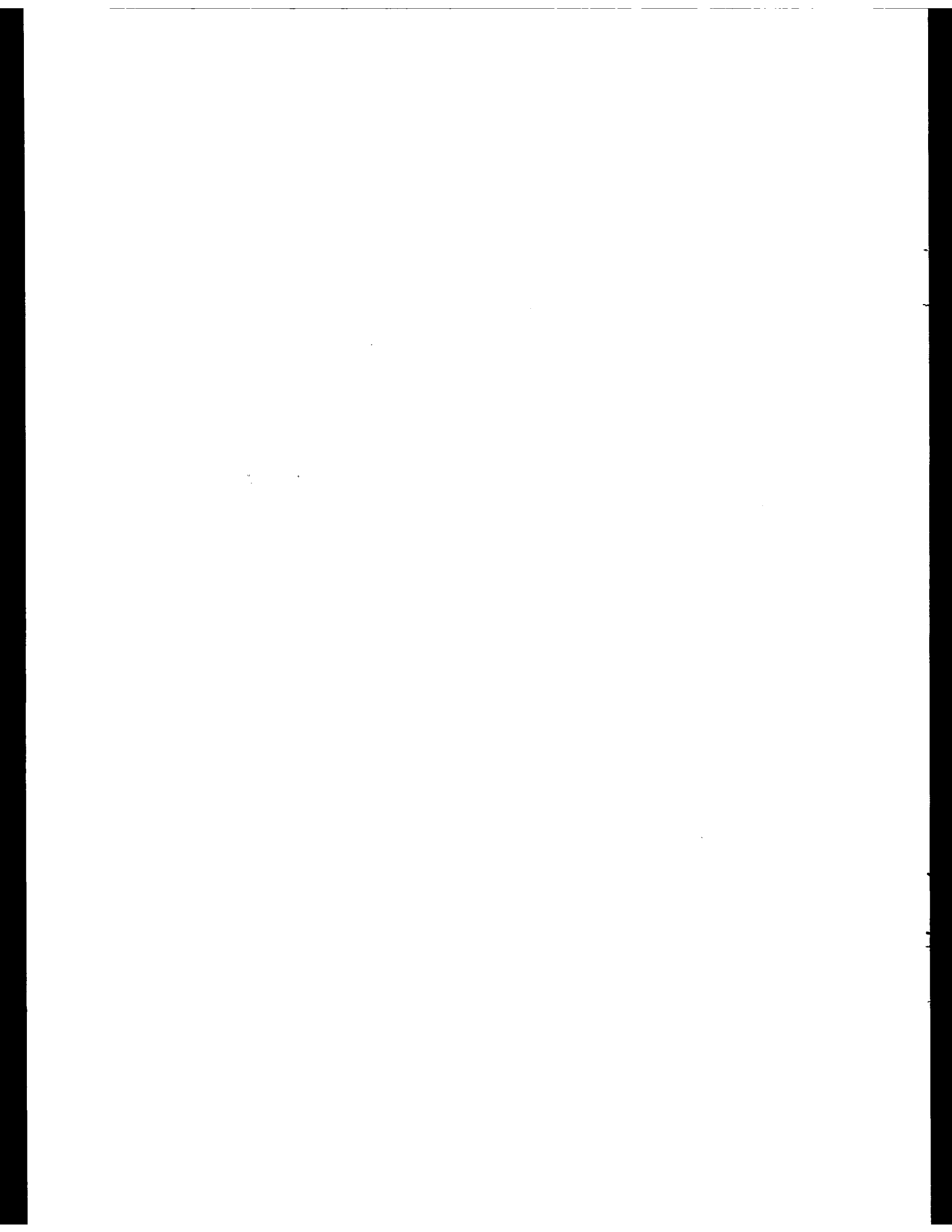
The University Press also printed various jobs like Statutes, Answer Scripts and Loose Sheets, Prospectus and Syllabus, various examinations and registration forms of newly formed Cooch Behar Panchanan Barma University.

One A3 size color Printer of HP made (against buy-back offer) was installed at the University Press during the period under consideration. One Micro Perforating cum Creasing machine (24 inches) was also installed.

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CHAPTER - VI

SERVICES AND AMENITIES



Basic Facilities for Women

Co-ordinator : Prof. (Dr.) Manjula Bera

Introduction & Activities of the Scheme

Basic Facilities of 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.

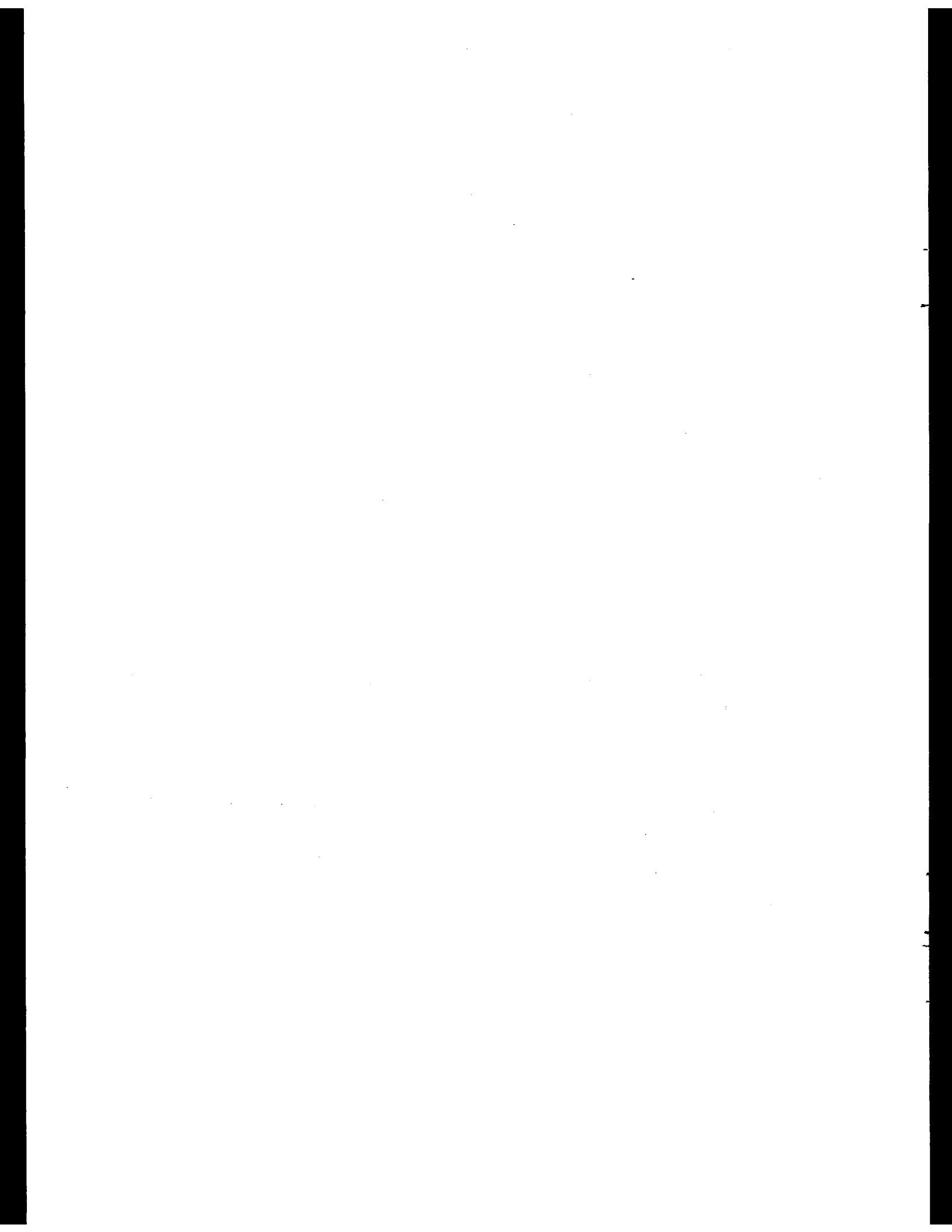
The facilities which is provided in the Common rooms are as follows :

1. A bed for the sick person
2. First-Aid Box with necessary medicines & related items
3. One Carrum Board
4. Two Chess sets
5. Two sets Chinise- Cheker
6. Two Coloured Televisions with table
7. Three Computers with tables
8. Two Refrigerators
9. One Aquaguard for drinking Water
10. Two Mirrors
11. 40 nos. Armed Steel Chairs
12. 10 nos. Steel framed Tables

Every working day girl students use the rooms for refreshment and recreation. They play the Caram, Chess, Chinise –Cheker etc.

One Lady Attendant (purely temporary) takes care the above mentioned things, necessities of the girl students and sick girls also during the working hours.

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



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 & 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 Assistant Professor of the Department of Anthropology).

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

COACHING FOR SC/ST STUDENTS
NATIONAL ELIGIBILITY TEST (NET)
YEAR OF ESTABLISHMENT – 2005

Coaching Scheme for National Eligibility Test (NET) for scheduled caste and scheduled tribe students has been introduced by the North Bengal University during the financial year 2005-2006 on the basis of approval of the UGC for the University proposal to start the scheme under the 10th plan guideline for special schemes in the Universities for scheduled caste and scheduled tribe students. The Executive Council of North Bengal University, after the UGC approval decided to proceed with the programme of coaching scheme in March, 2005, with a view to enhancing the capability of schedule caste and schedule tribe students who constitute almost one-third of the total students strength of the University. Consequently, the Co-ordinator of the programme was appointed; an advisory Committee was constituted as per the UGC guideline. The coaching scheme also has continued with its programme in 2014-2015 Batch – I (session: April to June 2014) including nineteen more Department i.e. Bengali, English, History, Political Science, Philosophy, Economics, Nepali, Hindi, E.V.S., Sociology, Education, Commerce, Sanskrit, Geography, Anthropology, Computer Science, Mathematics, Botany, Physics overall students 256. In 2014-2015 Batch – II (session : August 2014 to December 2014) including seventeen more Department i.e. Bengali, History, English, Philosophy, Sociology, Anthropology, Geography & Applied Geography, Hindi, Sanskrit, Political Science, Law, Rural Development (DELL), Computer Science, Physics, Zoology, Chemistry, Mathematics overall students 163.

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 2014-2015

Batch – I

Session : April 2014 to June 2014

General Paper (Paper – I)

1. Sri Arimdam 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. Dr. Nikhilesh Ray
3. Dr. Dipak Kr. Roy
4. Dr. Uptal Mandal
5. Dr. Tapan Mandal

Department of English:

1. Sri Pinaki Ranjan Das (R.S.)
2. Miss Mandika Sinha (R.S.)

Department of Philosophy:

1. Prof. Ragunath Ghosh
2. Dr. Kantilal Das
3. Dr. Laxmikanta Padhi
4. Dr. Nirmal Kr. Roy
5. Sri Anirban Mukherjee
6. Dr. N. Ramthing

Department of History:

1. Sri Varun Kr. Roy
2. Sri Sudesh Lama
3. Sri Sankar Kr. Das

Department of Nepali:

1. Dr. N. C. Khatri
2. Dr. K.R. Ghatani
3. Sri Gyanendra Subba (R.S.)
4. Sri Amir Darjee (R.S.)

Department of Hindi:

1. Dr. Manisha Jha
2. Dr. Sunil Kr. Dwivedi
3. Sri Santosh Kr. Gupta (R.S.)

Department of Anthropology:

3. Dr. Jaydip Sen
4. Dr. Samar Kr. Biswas
5. Dr. Pinak Tarafdar

Department of Geography:

1. Dr. Deepak Kr. Mandal
2. Dr. Sudip Kr. Bhattacharya
3. Dr. Snehasish Saha
4. Sri Arimdam Basak

Department of Computer Science:

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

Department of Mathematics:

1. Sri Manaranjan Singha
2. Sri Dilip Ch. Pramanik
3. Sri Prodip Majhi

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	29	02	16	15	62	06	-	-	05	11
History	06	04	05	11	26	02	-	01	03	06
Hindi	04	04	02	05	15	01	-	-	-	01
Nepali	-	05	01	07	13	-	-	-	-	-
Political Science	01	-	01	03	05	-	-	-	-	-
Anthropology	01	01	01	07	10	-	-	-	01	01
English	05	02	02	05	14	01	-	-	-	-
Philosophy	23	03	11	08	45	04	-	01	02	07
Computer Science	02	-	-	06	08	-	-	-	01	01
Economics	-	02	01	01	04	-	-	-	-	-
Sociology	01	-	01	-	02	-	-	-	-	-
E.V.S.	-	-	-	01	01	-	-	-	-	-

Education	01	-	01	-	02	-	-	-	-	-
Commerce	01	-	-	-	01	-	-	-	-	-
Sanskrit	01	-	01	-	02	-	-	-	-	-
Geography	08	03	01	12	24	01	-	-	02	03
Mathematics	05	01	-	12	18	01	-	-	01	02
Botany	02	-	-	-	02	-	-	-	-	-
Physics	-	-	01	01	02	-	-	-	-	-
Total -	90	27	45	94	256	16	-	02	15	32

For the year 2014-2015
Batch – II
Session: August 2014 to December 2014

General Paper (Paper – I)

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

Subject Paper: (Paper II & III)

Department of Bengali:

1. Prof. Subodh Kr. Jash
2. Dr. Nikhilesh Ray
3. Dr. Dipak Kr. Roy

Department of English:

1. Sri Subhasish Bhattacharjee
2. Sri Pinaki Ranjan Das
3. Miss Mandika Sinha

Department of Philosophy:

1. Dr. Nirmal Kr. Roy
2. Dr. Kantilal Das
3. Dr. Laxmikanta Padhi

Department of History:

1. Sri Varun Kr. Roy
2. Sri Sudesh Lama
3. Sri Sankar Kr. Das

Department of Anthropology:

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

Department of Computer Science:

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

Department of Geography & Applied Geography:

1. Dr. Deepak Kr. Mandal
2. Sri Arindam Basak
3. Sri Ranjan Roy

Department of Hindi:

1. Dr. Sunil Kr. Dewedi
2. Dr. Manisha Jha
3. Sri Santosh Kr. Gupta (R.S.)

Department of Mathematics:

1. Sri Manoranjan Singha
2. Sri Pradip Majhi
3. Miss Nita Tamong

Department of Zoology:

1. Dr. Dhiraj Saha

Department of Physics:

1. Dr. Provash Mail

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
Bengali	09	01	03	04	17	02	-	01	02	05
History	09	02	05	07	23	02	-	01	02	05

English	01	-	-	-	01	-	-	-	-	-
Philosophy	08	-	03	06	17	02	-	01	02	05
Political Science	05	-	-	02	02	01	-	-	-	01
Geography	-	-	-	01	01	-	-	-	-	-
Hindi	04	04	01	04	13	-	-	-	-	-
Rural Development (DELL)	01	02	01	03	07	-	-	-	-	-
Law	01	01	-	-	02	-	-	-	-	-
Sociology	01	03	01	01	06	-	-	-	-	-
Sanskrit	03	-	-	01	04	-	-	-	-	-
Anthropology	01	01	02	05	09	-	-	-	01	01
Computer Science	02	-	04	16	22	-	-	01	02	03
Physics	02	-	01	03	06	-	-	-	-	-
Chemistry	03	-	03	09	15	-	-	-	-	-
Mathematics	04	-	02	06	12	01	-	-	01	02
Zoology	-	-	-	01	01	-	-	-	-	-
Total -	54	14	26	69	163	08	-	04	10	22

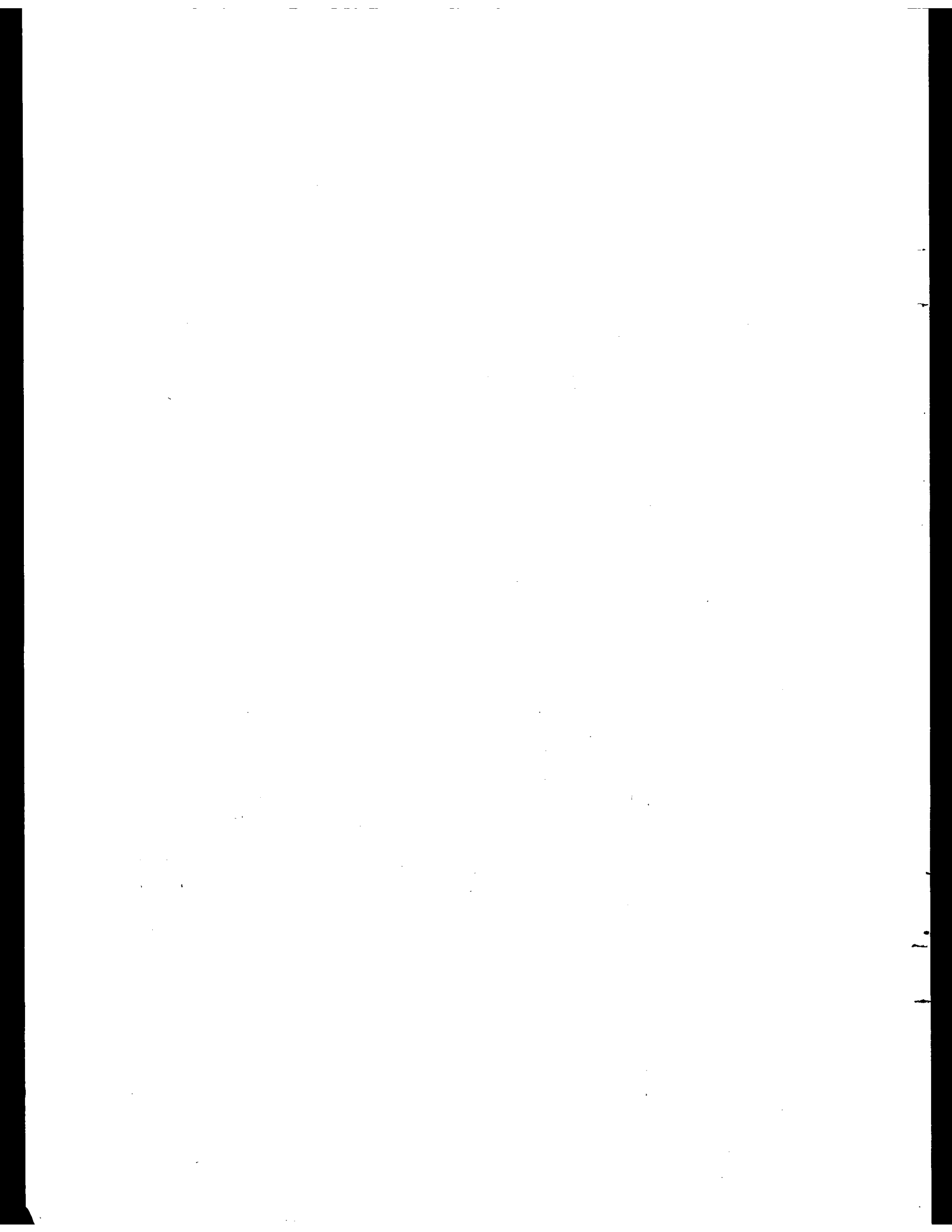
Prof. K. K. Nandi (Department of Mathematics) acts as the Co-ordinator of scheme.

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.



OFFICE OF THE PROGRAMME COORDINATOR

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

Information on the Scheme and Activities under taken in 2014-2015

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 2014 to May 2014, in the Departments of Bengali, Economics, History, Philosophy and 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 185 from all the Departments. In the session from September 2014 to December 2014, in the Departments of Bengali, Economics, History, Philosophy and 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 333 from all the Departments. In the session from March 2015 to May 2015, in the Departments of Economics and 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 99 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 2014 -2015

Communicative English

1. Dr. M. Chakraborty
2. Smt. Ishita Ghosh
3. Ms. Priyanka Chatterjee

Department of Philosophy

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

Department of History

1. Dr. B. Kr. Sarkar
2. Mrs. Anita Bagchi
3. Sri. Varun Kr. Roy
4. Ms. D. Bhattacharya
5. Prof. I. Sarkar
6. Sri. Sankar Kr. Das
7. Mr. Sudash Lama

Department of Economics

1. Prof. A. Bhuimali
2. Ms. Sudakshina Roy
3. Mr. Kanchan Dutta
4. Mr. T. R. Majumdar
5. Dr. S. R. Mukharjee
6. Sri. Karan Tamang
7. Sri. G. Chowdhury

Department of Bengali

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

5. Dr. Tapan Mondol
6. Dr. Utpal Mondal

Department of Hindi

1. Dr. S. K. Dwivedi
2. Dr. Manisha Jha
3. Sri Santosh Kr. Gupta

ENROLMENT OF STUDENTS

Session: March 2014 to May 2014

	SC Students	ST Students	OBC Students	GEN Students	Total
1. Remedial Course in Communicative English	17	00	06	08	31
2. Bengali (Semester - II)	23	03	05	09	40
(Semester -IV)	02	01	03	06	12
3. Economics (Semester- II)	01	01	03	14	19
4. History (Semester - II)	10	01	05	04	20
(Semester -IV)	12	00	03	03	18
5. Philosophy (Semester-II)	06	00	05	00	11
6. Hindi (Semester-II)	04	04	01	04	13
(Semester-IV)	04	05	03	09	21

Session: September 2014 to December 2014

	SC Students	ST Students	OBC Students	GEN Students	Total
1. Remedial Course in Communicative English					
Section= A	17	05	08	16	46
Section= B	27	00	11	09	47

2. Bengali	(Semester - I)	27	05	13	19	64
3. Economics	(Semester- I)	01	03	04	19	27
	(Semester- III)	01	01	02	15	19
4. History	(Semester - I)	20	01	07	07	35
	(Semester -III)	03	02	06	04	15
5. Philosophy	(Semester-I)	24	00	07	12	43
6. Hindi	(Semester-I)	02	07	03	15	27
	(Semester-III)	02	04	00	04	10

Session: March 2015 to May 2015

	SC Students	ST Students	OBC Students	GEN Students	Total
1. Remedial Course in Communicative English	13	01	04	08	26
2. Economics (Semester- II)	02	02	04	12	20
	01	01	02	16	20
3. Hindi (Semester-II)	02	06	03	14	25
	03	02	00	03	08

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 as well as on specialized areas.

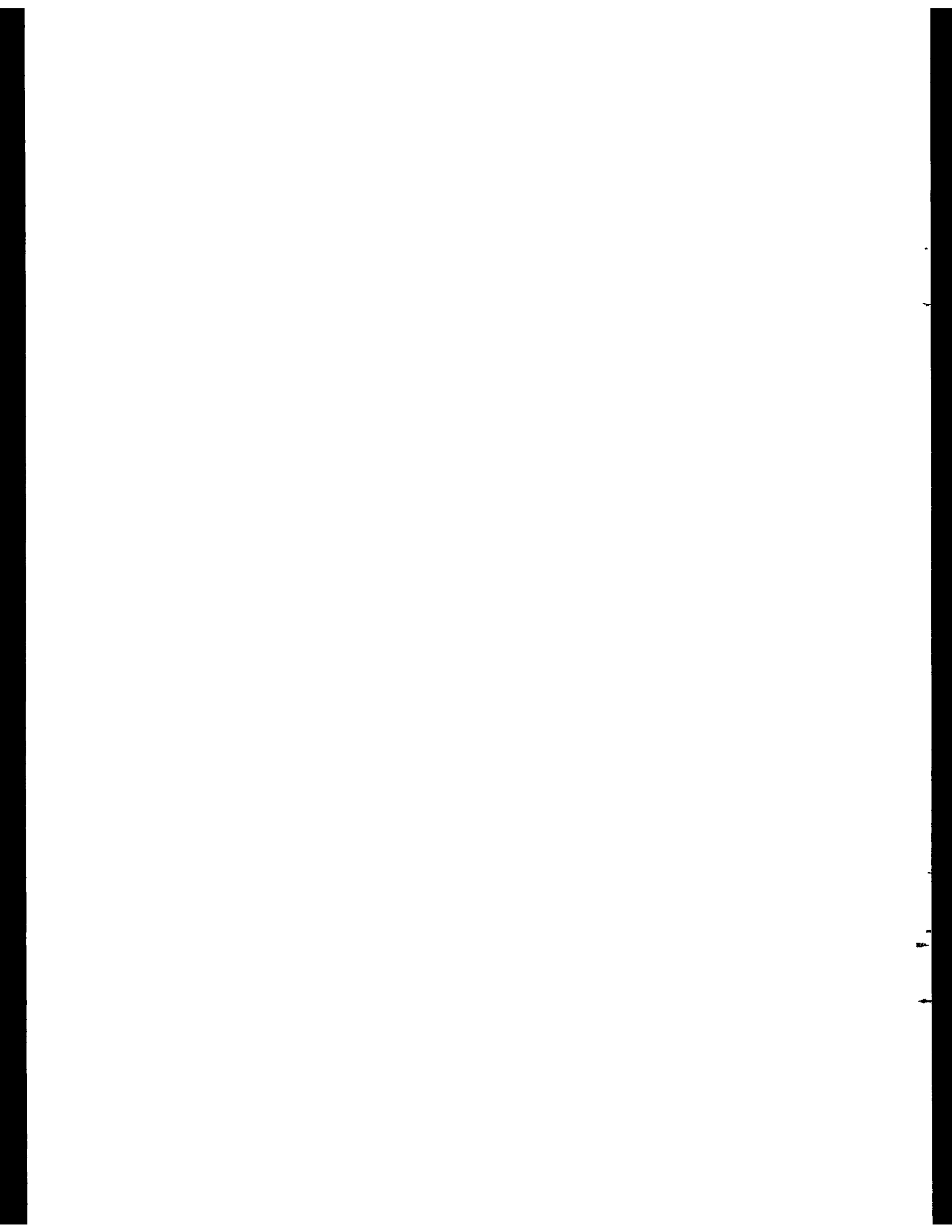
Presently, Coaching classes are held in their respective Departments and classes for communicative English are held in room No. 104 in Humanities Building.

**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 : 76 + 76 = 152/- Students

	SC Students enrolled for Coaching	ST Students enrolled for Coaching	Teachers engaged	No. of periods taken	No of Tests held	Performance of the Candidates		
						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	87	43	7* Names given below	116 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. Amit Jana
 4) Sri Debaditya Chakraborty 5) Dr. Kanak Baishya. 6) Sri Sanjay Datta. 7) Sudip khashnobish.



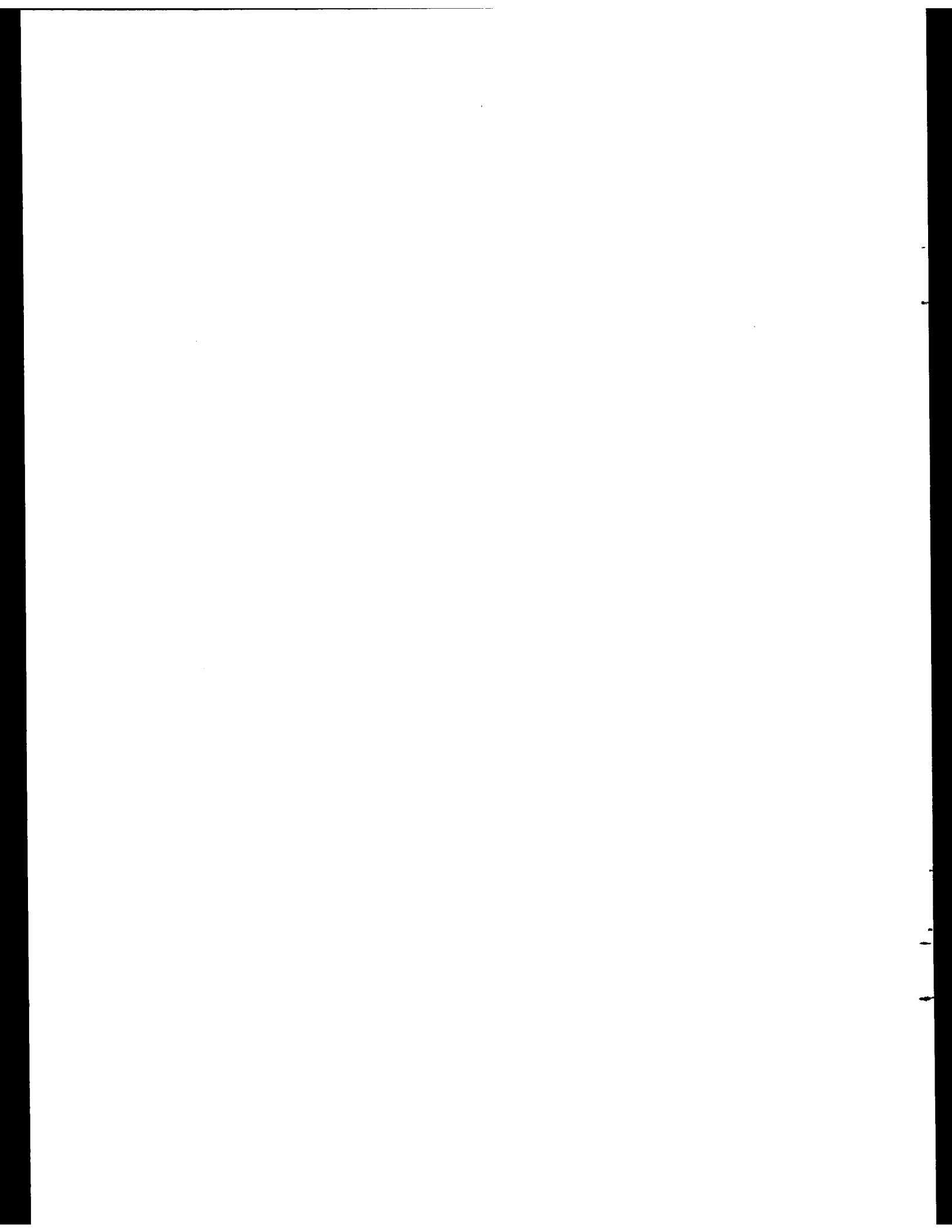
Day- Care- Centre

1. **Name of the Department** : Day-care-centre

2. **Introduction of the Department** : Day-care-centre was established in the month of June, 2008 with UGC grant. Subsequently, money was also sanctioned for upgradation. Upgradation works were done properly. Presently there are four children in the Day-care-centre. Several teachers and staff have availed the facilities of Day-care-centre during the last six years. There are three workers (women) who work alternatively in the Day-care-centre and look after the children of the Day-care-centre.

3. **Name of the Incharge** : Dr. Aniruddha Saha

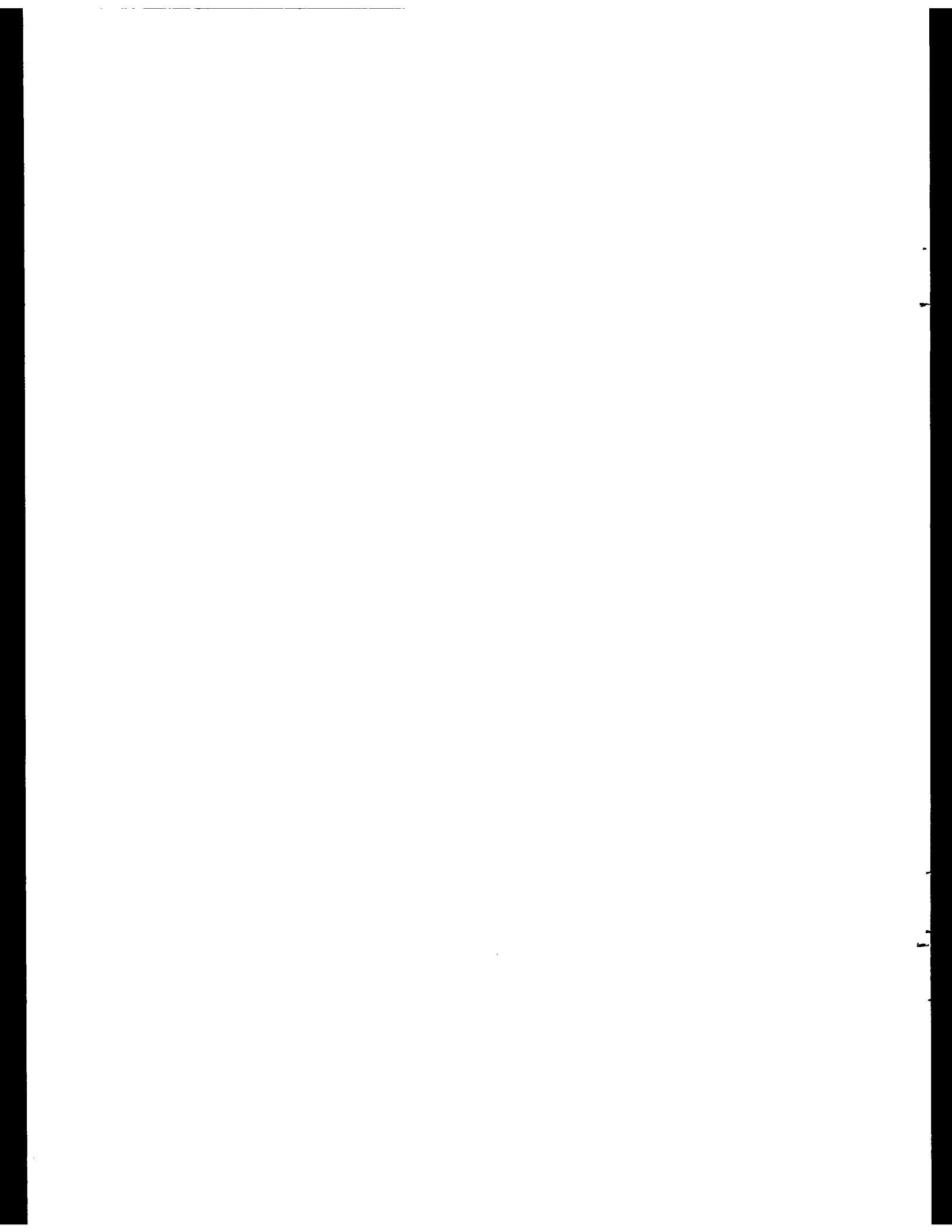
4. **Name of staff** : One casual Group IV worker



Health Centre

Statement of Number of Patients examined at the University Health Centre and earnings from the pathological tests as well as the dental treatment during the period 01-04-2014 to 31.03.2015.

1. Number of patients examined at the Health Centre was 3946.
2. Number of patients investigated at the Clinical Pathology Laboratory of Health Centre including ECG was 1154.
3. Total amount of earnings from the services at the Clinical Pathology Laboratory were Rs. 1,07,444/-.
4. Number of Samples investigated at the Clinical Pathology Laboratory was 5407.
5. Total amount of earnings from Dental Treatment were Rs. 3,257/-



SPORTS BOARD

MOMENT OF PRIDE-2014-15.

This is the first time in the history of this University that Table Tennis Team (Women) of the University of North Bengal achieved the **Championship Title** in the **All India Inter University Table Tennis Tournament** for the year 2014-15 held at Chennai under the auspices of SRM University from 4th to 6th October, 2014. The Women's team clinched the Championship title beating the Anna University in the Finals. The team members were Ankita Ghosh, Sayani Bose, Oishwaryya Deb, Ankita Mitra & Anuska Dutta.

1. AFFILIATION OF COLLEGES

The Vice-Chancellor has approved the application for affiliation to the Sports Board infavour of the **Ghoom Jore-bunglow College during the year 2014-15**

2. ADVENTURE SPORTS

Cycle Safari Programme

The Sports Board, NBU organized the 4th year **Cycle Safari Programme** for 3 days during 18th to 20th February, 2015. Twenty-five 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 220kms.) of two districts (i.e. Darjeeling, Jalpaiguri). The said team visited 7 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 at its own strength. The Trekking Programme was conducted with 62 students (31 Boys+ 31 Girls) from 23rd to 25th February, 2015. Both the teams trekked 12 kms from Kalijhora to Latpuncture stayed at Latpuncture overnight and returned back by the same route.

3. INTER UNIVERSITY TOURNAMENTS

ATHLETICS

The five (5) member Athletics team participated in the **75th All India Inter University Athletics Meet 2014-15. Rajiv Gandhi University of Health Science, Karnataka**, hosted the All India Inter University Athletics Meet 2014-15 from 16th to 20th January 2015 at Mangalore.

Smt. Bhairabi Roy of Ananda Chandra College, Jalpaiguri won one **Bronze Medal** in Triple Jump (Women) event for the University.

BADMINTON (M&W)

The East Zone Inter University Badminton Tournament held at **Banaras Hindu University, Banaras** from 20th to 24th December, 2014. Both the University (Men's & Women's) Team failed to qualify for the All India Tournaments.

CRICKET (M)

The NBU Cricket team participated in the East Zone Inter University Cricket Tournament for the year 2014-15 held at VBS Purvanchal University, Jaunpur during 19th Nov. to 5th Dec., 2014. The University Cricket team lost in the Pre-quarter Final Match.

The University Cricket Team participated in the **Inter University Twenty-20 Cricket Tournament** run by **Cricket Association of Bengal**. The Tournament was organized during 27th January to 2nd February, 2015 at Burdwan University. The University Team lost in the first match against the Viswa Bharati University

The University Cricket team participated in the **Ajoy Ghosh Memorial Cricket Tournament** held at **Viswa Bharati University** during 7th to 19th November, 2014. The University Cricket team lost in the Semi Final Match against Calcutta University.

FOOTBALL (M)

The East Zone Inter University Football (M) Tournament hosted by **Mizoram University** during 20th to 25th October, 2014. The University Football team lost in the close first match against **Manipur University** in the Tie-Breaker.

KHO-KHO (M)

The **East Zone Inter University Kho-Kho (M) Tournament** organized by L.N.Mithila University, Darbhanga during 2nd to 5th December, 2014. The University Kho-Kho(M). Team achieved the Runners-up Title in the East Zone Inter University Kho-Kho Tournament.

The Men Kho-Kho Team took part in the All India Inter University Kho-Kho Tournament held at JRN Rajasthan Vidyapith University, Udaipur during 24th to 28th February, 2015. The University Men Kho-Kho team lost in the Quarter Final match against Mumbai University.

KHO-KHO (W)

The **East Zone Inter University Kho-Kho (W) Tournament** was organized by L.N.Mithila University, Darbhanga during 16th to 19th October, 2014. The University Kho-Kho(W) Team achieved the Third Position and qualified for the **All India Inter University Tournaments** for the year 2014-15.

TABLE TENNIS (M & W)

The East Zone Inter University Table Tennis Tournament held at Bhubaneswar, Odisha under the auspices of **KIIT University** from 27th September to 1st October, 2014. The University of North Bengal Men's Team lost in the Quarterfinal match against Rabindra Bharati University. The Women's Team clinched the Championship title in the East Zone Inter University Tournament.

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.

5. INTER COLLEGE TOURNAMENTS

ATHLETICS (M&W)

The 46th **Inter College Athletic Meet 2014-15** was organized by the **Saheed Kshudiram College, Kamakshaguri** at their College ground on 17th & 18th November 2014. Twenty Colleges participated in the said Athletic Meet. **Siliguri College**, picked-up the championship title in both the Women's & Men's section. picked-up the championship title in the Men's section. Runners-up were

Sukanta Mahavidyalaya in the Women's section and **Maynaguri College** in the Men's section. The award of Best Athletes for the year 2014-15 were given to **Sri Murshed Arsed Akram** of **Maynaguri College** and **Smt. Bhairabi Roy** 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 2014-15 was organized by the Sports Board at Khela Ghar, NBU Campus on 4th & 5th September, 2015. In the team Championship, **St. Joseph's College**, Darjeeling won the title beating **Falakata College** by (3-0) in the final. In the Individual Category, **Sri Nehal Darnal** of **St. Joseph's College** became Champion and **Sri Sonam Tshering Bhutia** of N.B.St. Xavier's College was the Runner-up. In the Women's section, **Smt. Ashisha Lepcha** of South Field College won the Individual title beating **Smt. Sofrina Pradhan**, of Salesian College (Siliguri Campus).

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 August to 28th August, 2014. Twenty-six Colleges have participated in the said tournament. The **Falakata College** won the trophy beating the **Mekhliganj College** in the final. **Sri Satyen Roy** of Falakata College took the Man of the Final Match award.

KABADDI (W)

The Sports Board, NBU organized the **8th Inter College Kabaddi (Women) Tournament** in the Synthetic Surface on 27th August, 2014. **Siliguri College** won the Championship Trophy beating **Maynaguri College** in the Final. Nine Colleges took part in the said Tournament. **Smt Suman Lakra** of Siliguri was selected for the Best Player award.

KABADDI (M)

The Sports Board, NBU organized the **2nd Inter College Kabaddi (Men) Tournament in the NBU Sports Board complex**. The Competition was organised on 29th August, 2014. **Falakata College** won the Championship Trophy beating **Saheed Kshudiram College** in the Final. Ten Colleges took part in the said Tournament. **Sri Rabin Barman** of Falakata College was selected for the Best Player award.

TABLE TENNIS (M) & (W)

The **S.P.Roy Memorial Inter College Table Tennis Tournament, 2014-15** was held at Khela Ghar, NBU Campus on 1st & 2nd September, 2014. Seven 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 3-0.

In the Individual (Men) section **Sri Subhankar Sarkar** (Siliguri College) became the winner beating **Sri Subhadeep Ghosh** (Siliguri College) & in the Women category, **Smt. Anuska Dutta** (Siliguri College) became the winner beating **Smt. Sayani Bose** of (A.P.C.Roy Govt.College).

VOLLEYBALL(M)

The **Inter College Volley-ball Tournament 2014-15** was organized by the **Siliguri College**, on 13th to 14th September 2013. Fourteen Colleges participated in the said Tournament. **Kalimpong College** the championship title by defeating **Siliguri College**, in the final Match. **Shri Ananta Lama** (**Kalimpong College**) was selected as Man of the Match in the final Match.

CRICKET (M)

The **Kiran Chandra Memorial Inter College Cricket Tournament** for the year 2014-15 was organized by **Sports Board, NBU** during 11th to 19th March, 2015 at the **NBU Campus**. Sixteen Colleges took part in the said Tournament. **Ananda Chandra College** has won the running trophy beating **Suryasen College** in the Final. The Man of the Final Match award was given to **Md. Javed Alam** of **Suryasen College**.

KHO-KHO (M/W)

The **Panu Dutta Majumder Memorial Inter College Kho-Kho (M/W) Tournament** was organized by **Maynaguri College** on 9th & 10th September, 2014. **Siliguri College** clinched the Champion trophy by beating **Ananda Chandra College** in the Men's Final. **Manoj Sarkar** of **Siliguri College** secured the Man of the Final title.

Ananda Chandra College achieved the Champion trophy by beating **Siliguri College** in the Women's Final. **Smt. Bhairabi Roy** of **Ananda Chandra College** secured the Player of the Final award.

1. The first part of the document discusses the importance of maintaining accurate records of all transactions.

2. It also highlights the need for regular audits to ensure compliance with applicable laws and regulations.

3.

4. The document further emphasizes the role of technology in streamlining financial processes and reducing errors.

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7. In addition, it provides a detailed overview of the various accounting methods used in the industry.

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CHAPTER – VII

DISTANCE EDUCATION

THE UNIVERSITY OF CHICAGO

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 began 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, Pol. Science, Mathematics & Nepali and M.Sc. in Mathematics. The Distance Education Council of India & the University Grants Commission-Distance Education Bureau, 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. 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	Reader	Lecturer	
Nil	Nil	Political Science	Vacant
		Nepali	Vacant
		Mathematics	Sarani Chakraborty
		English	Ms. Priyanka Chatterjee
		Bengali	Ranjit Biswas
		History	Vacant
		Philosophy	Vacant

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

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

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

Name	Designation
Bhaskar Chowdhury	*Director
Mr. Raju Roy	*Dy. Director
Dr. Debabrata Deb	*Assistant Director
Ms. Chirasree Majumdar	*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 Suraj Sewa	*Office Assistant – cum - computer Operator
Sri Pravat Kr. Yadav	#Office Assistant
Vacant	#Library Assistant
Vacant	#Library Assistant
Ruma Roy	#Office Assistant
Goutam Ghosh	#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 Mallick	#Sweeper

*Contractual Posts # Daily-wage Posts

8. Student Strength

Students		Male	Female	Total
*Part-I	2014-15	802	1409	2211
*Part-II	2014-15**	535	1244	1779

* Annual Mode, **Admission not completed

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 present
Ms.Priyanka Chatterjee Lecturer in English, DDE, NBU	Women in 21 st Century: Livelihood Environment and Sustainability.	Women Studies, University of North Bengal 20 th and 21 st , February 2015	Recasting a Vedic Eye: Ecology, Sustainability and Women Farmers in India

10. Organized Seminar / Conferences :

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

11. Publication:

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

12. Research Projects (Major & Minor):

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

13. Visiting Fellow:

Name of the Visiting Fellow	Duration
Nil	Nil

14. Any Other Information : Nil

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is crucial for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the need for consistent and reliable data collection processes to support effective decision-making.

3.

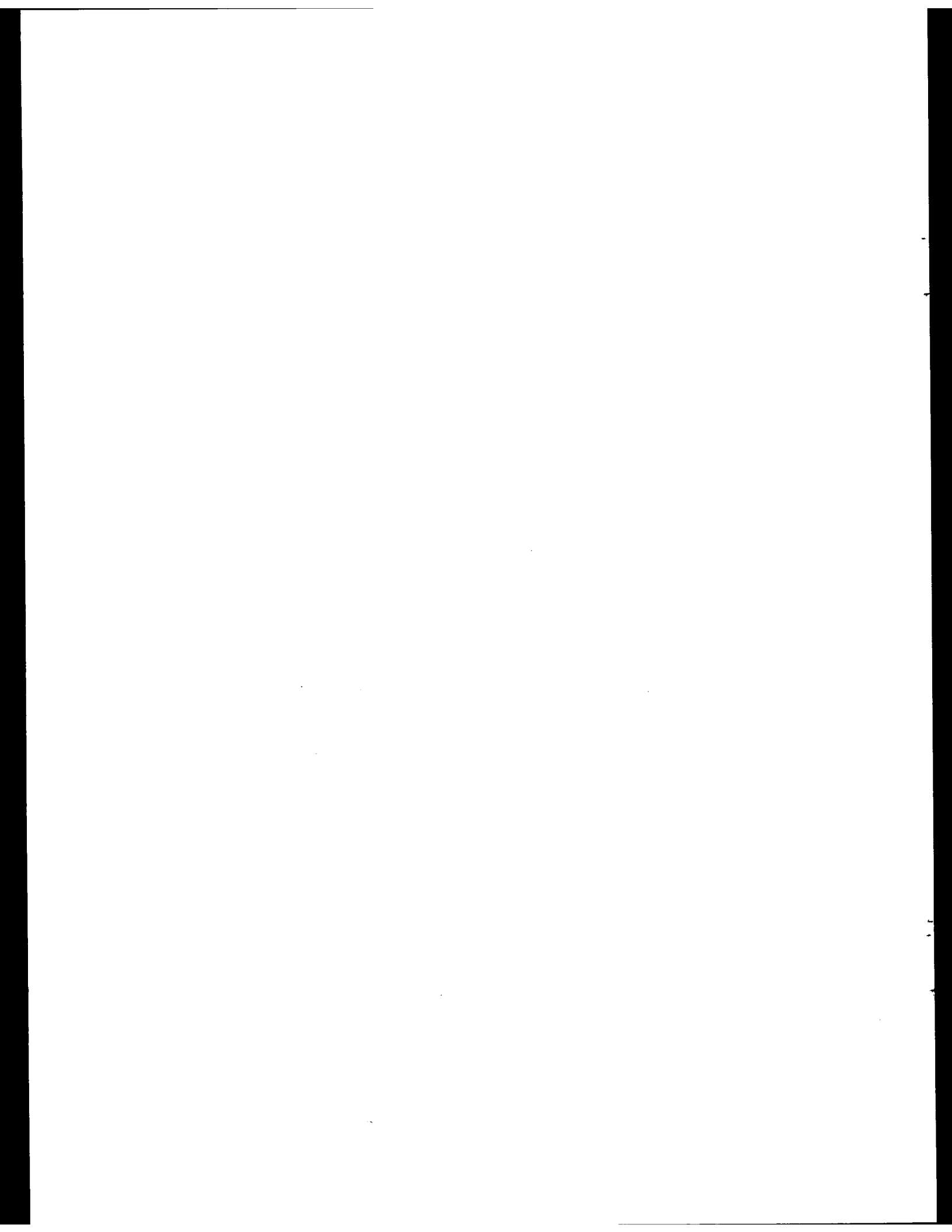
4.

5.

6.

CHAPTER – VIII

**UGC 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 (Honorary Director)	Dr. Manisha Jha (Honorary Deputy Director)	Dr. Sujit Kumar Biswas (Honorary Assistant Director)

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

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

8. Students Strength : N/A
9. Seminar / Conferences attended (Outside the Country & Within the Country) : N/A
10. Organized OPs / RCs : 4 Ops, 12 RCs & 1 Short term Course.
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.

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. On-the-spot payment policy has inspired the teachers to work on any examination related assignment.

STATEMENT OF U.G. EXAMINATIONS, 2014-2015

Sl. No.	Name of Examination	Total No. of candidates appeared	Percentage of qualified Candidates
1.	B.A. Part I (Hons.)	14227	65.61
2.	B.A. Part I (Gen.)	60774	61.71
3.	B.A. Part II (Hons.)	10987	85.3
4.	B.A. Part II (Gen.)	31399	83.75
5.	B.A. Part III (Hons.)	8542	82.03
6.	B.A. Part III (Gen.)	22262	63.22
7.	B.Sc. Part I (Hons.)	2174	54.47
8.	B.Sc. Part I (Gen.)	1416	47.11
9.	B.Sc. Part II (Hons.)	1316	79.15
10.	B.Sc. Part II (Gen.)	743	78.56
11.	B.Sc. Part III (Hons.)	989	82.61
12.	B.Sc. Part III (Gen.)	449	86.41
13.	B.Com. Part I (Hons.)	1462	65.89
14.	B.Com. Part I (Gen.)	2858	50.09
15.	B.Com. Part II (Hons.)	818	87.65
16.	B.Com. Part II (Gen.)	1673	82.07
17.	B.Com. Part III (Hons.)	687	89.67
18.	B.Com. Part III (Gen.)	959	83.94
19.	B.A.LL.B. (Hons.)	57	100.00
20.	B.A.LL.B.(Gen.)	27	100.00
21.	LL.B (3yrs)	30	96.66
22.	B.Ed.	823	92.70
23.	B.P.Ed.	94	95.70
24.	B.C.A.	35	82.35
25.	B.B.A.	145	87.58
26.	BLIS	46	100.00

STATEMENT OF P.G. EXAMINATIONS & P.G. DIPLOMA, 2014-2015

Name of Examination	Total No. of candidates appeared	Percentage of qualified Candidates
P.G. (Regular)		
1. Anthropology	6	100.00
2. Bengali (N.B.U.)	82	100.00
3. Bengali (A.C.)	39	100.00
4. Bengali (ABN Seal)	18	100.00
5. Bengali (Raiganj)	22	63.63
6. Biotechnology	5	100.00
7. Botany (N.B.U.)	25	100.00
8. Chemistry	45	97.77
9. Commerce	26	76.92
10. Computer Science	9	88.88
11. Economics	42	95.23
12. English (NBU)	62	95.16
13. English (DGC)	20	85
14. English (St. Joseph's)	13	100.00
15. Geography & Applied Geography (NBU)	45	100.00
16. Hindi	23	100.00
17. History (NBU)	71	95.77
18. History (ABN Seal)	12	100.00
19. LL.M.	10	100.00
20. M.C.A. Semester VI	24	83.33
21. M.L.I.S.	18	100.00
22. Mass Communication	12	91.66
23. Mathematics	50	92.00
24. Microbiology	16	100.00
25. Nepali (NBU)	49	85.71
26. Nepali (DGC)	14	85.71
27. Philosophy	57	94.73
28. Physics	34	94.11
29. Political Science	54	96.29
30. Rural Development	25	96.00
31. Sanskrit	21	95.23

32. Sociology	28	82.14
33. Strategic Area Studies	3	100.00
34. Tea Science	3	100.00
35. Zoology (D.G.C.)	13	100.00
36. Zoology (N.B.U.)	23	100.00
37. Zoology (ABN Seal)	14	100.00
P.G.(DE MODE)		
38. Bengali	467	69.16
39. English	270	94.44
40. History	506	81.42
41. Mathematics	81	69.13
42. Nepali	131	34.35
43. P.G.D.R.D.E.E.	5	100.00
44. P.G.D.T.M.	30	76.66
45. Philosophy	81	74.07
46. Political Science	210	85.23

UNIVERSITY OF NORTH BENGAL
RAJA RAMMOHANPUR, DARJEELING

CONSOLIDATED BALANCE SHEET
AS ON 31/03/2015

LIABILITIES	Schedule	Previous Year (Rs.)	Amount (Rs.)	Current Year (Rs.)	ASSETS	Schedule	Amount (Rs.)	Previous Year (Rs.)	Amount (Rs.)	Current Year (Rs.)
General Fund - NBU					Fixed Assets	8		814,898,553.31		853,692,332.31
Revenue		30,372,700.79		14,622,238.79						
Capital		88,500,332.83		147,401,785.83	Capital Work-in-Progress	10		130,129,891.00		150,854,178.00
General Fund - NBUMC					Investment	7		1,108,427,291.00		1,216,161,141.00
Revenue		101,566.93		101,566.93						
Capital		840,998.02		840,998.02						
General Reserve Fund - NBU		145,890,932.32		166,575,569.05						
Capital Assets Fund	9	814,898,553.31		853,692,332.31	Loans & Advances	2		41,485,243.09		44,351,959.09
Earmarked Fund										
UGC Project										
General		274,417.85		274,717.85	Cash at Bank	6	404,078,999.63		472,961,369.77	
Capital		33,885,067.76		29,870,563.76	Treasury	6	207,993,695.09		219,203,442.09	
Project & Scheme		(163,960.63)		(278,575.63)	P/L A/c with Treasury		17,995.00		17,995.00	
Non-UGC Project					SBI Collection A/c		559.50		559.50	
General		670,863.00		692,420.00				612,091,249.22		692,183,366.36
Projects & Schemes	3	22,217,372.91		15,561,931.91						
C.S.I.R.										
General		286,385.13		339,862.13						
Research Project Fund	3	426,022.79		(188.21)						
Research Scholar Fund	3	(2,044,969.26)		(2,124,330.26)						
UGC SAP		184,599.50		199,973.50						
N.S.S.										
General		1,496,759.00		1,800,090.00						
Projects & Schemes	3	58,781.00		71,681.00						
University Innovative Programme										
General		(913,519.29)		(1,133,763.29)						
Projects & Schemes	3	5,167,157.00		5,085,155.00						
Development of Infra. Fac. Fund										
General		268,867,136.67		286,073,038.67						
Capital		21,935,532.00		21,935,532.00						
Total C/F		1,432,952,729.63		1,541,602,599.36	Total C/F			2,707,032,227.62		2,957,242,976.76

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		1,432,952,729.63		1,541,602,599.36	Total B/F			2,707,032,227.62		2,957,242,976.76
<u>Endowment Fund</u>		1,551,480.00		1,554,221.00						
<u>Pension & Gratuity Fund</u>		620,320,640.62		668,980,937.62						
<u>Misc. Self Financed Courses Fund</u>		2,860,241.00		2,185,165.00						
<u>Jt. Self Financed Courses Fund</u>		49,399,121.79		49,851,033.79						
<u>Prof. N.H.C. For M.S. Fund</u>		5,146,109.00		5,345,900.00						
<u>D.D.E. Fund</u>		254,708,817.65		277,118,708.29						
<u>COFAM</u>		2,765,335.50		2,889,646.50						
<u>CIIT DBT</u>		61,251.93		63,685.93						
<u>E.P.F</u>		223,093,574.09		234,454,355.09						
<u>NAIP</u>										
<u>ICAR Project</u>		(66,998.00)		(64,821.00)						
<u>SBD Fund</u>										
<u>Capital</u>		10,611,596.00		13,281,139.50						
<u>UGC HRDC Fund</u>										
<u>Projects & Schemes</u>		(1,579,026.00)		(2,985,117.00)						
<u>Jalpaiguri Campus</u>										
<u>General</u>		244,920.00		(192,421.00)						
<u>Capital</u>		51,100,000.00		101,100,000.00						
<u>Current Liabilities & Provisio</u>	4	53,583,381.41		61,778,890.68						
<u>Loan (Liability)</u>	5	279,053.00		279,053.00						
		2,707,032,227.62		2,957,242,976.76				2,707,032,227.62		2,957,242,976.76

Sd/-
(A.K. Kundu)
Sr. Assistant

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

Sd/-
(P. K. Ghosh)
Finance Officer

UNIVERSITY OF NORTH BENGAL
RAJA RAMMOHANPUR, DARJEELING
CONSOLIDATED INCOME & EXPENDITURE ACCOUNT
For the Period from 01/04/14 to 31/03/15

EXPENDITURE	2013 - 2014		2014 - 2015		INCOME	2013 - 2014		2014 - 2015	
	Rs.	AMOUNT	Rs.	AMOUNT		Rs.	AMOUNT	Rs.	AMOUNT
To Revenue Expenditure					By Revenue Income				
NBU General Fund	720,875,071.10		737,130,231.00		NBU General Fund	789,514,301.00		765,039,306.73	
NBU C.S.I.R. Fund	1,097.00		884.00		NBU C.S.I.R. Fund	51,024.00		54,361.00	
NBU N.S.S. Fund	565,101.00		281,259.00		NBU N.S.S. Fund	542,346.00		584,590.00	
NBU UIP Fund					NBU UIP Fund	315,694.00		277,342.00	
CRSA	(6,235.00)		-		NBU Dev.of Infra.Fac.Fund	53,610,287.00		12,590,050.00	
University Innovative Program	502,079.00		497,586.00		NBU Endowment Fund	236,258.00		209,542.00	
NBU Develop.of Infra.Fac.Fund	586,379.00		62,547.00		NBU Pension & Gratuity Fund	71,222,388.00		38,660,297.00	
NBU Misc.Self Financed Course	1,852,049.00		1,634,794.00		NBU Misc.Self Financed Course	2,312,719.00		1,192,172.00	
NBU Jt.Self Financed Courses	1,233,594.00		456,490.00		NBU Jt.Self Financed Courses	11,306,889.00		968,652.00	
NBU Prof. N.H.C. For M.S. Fund	4,610.00		-		NBU N.H.C.M.S. Fund	691,737.00		199,791.00	
NBU DDE Fund	10,121,916.49		13,202,442.36		NBU DDE Fund	56,388,427.50		37,774,608.00	
NBU COFAM	184.00		-		NBU COFAM	253,674.00		114,133.00	
NBU Endowment Fund	9,267.00		960.00		NBU Jalpaiguri Campus	3,341,673.00		3,927,434.00	
NBU E.P.F.	349.00		655.00		NBU E.P.F.	16,766,259.00		18,091,116.00	
NBU Jalpaiguri Campus	2,069,407.00		3,380,039.00		NBU CIT DBT	2,379.00		2,434.00	
NBU SBD Fund	430,182.00	738,245,050.59	578,888.00	757,226,775.36	NBU SBD Fund	2,442,694.50		1,959,431.50	
					NBU UGC SAP Fund	91,500.00	1,009,090,250.00	15,374.00	881,660,634.23
To Transferred to :									
Capital Fund	6,644,911.00		1,685,901.00						
Pension & Gratuity Fund	10,000,000.00		10,000,000.00						
Sports Development Fund	1,349,000.00		1,289,000.00						
General Reserve Fund	80,207,097.90	98,201,008.90	20,684,636.73	33,659,537.73					
To Contribution to DIF Fund from									
NBU General Fund	10,000,000.00		10,000,000.00						
NBU Misc.Self Financed Course	179,940.00		83,000.00						
NBU Jt.Self Financed Courses	137,570.00		60,250.00						
NBU DDE Fund	3,025,897.00	13,343,407.00	2,098,635.00	12,241,885.00					
To Contribution to NBU General Fund from									
NBU Endowment Fund		226,991.00		208,582.00					
To Net Surplus		159,073,792.51		78,323,854.14					
		1,009,090,250.00		881,660,634.23			1,009,090,250.00		881,660,634.23

Sd/-
(A.K. Kundu)
Sr. Assistant

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

Sd/-
(P. K. Ghosh)
Finance Officer

**UNIVERSITY OF NORTH BENGAL
RAJA RAMMOHANPUR, DARJEELING**

**CONSOLIDATED RECEIPTS & PAYMENT ACCOUNT
For the year 2014 - 2015**

Receipts	Schedule	Amount (Rs.)	Previous Year (Rs.)	Amount (Rs.)	Current Year (Rs.)	Payments	Schedule	Amount (Rs.)	Previous Year (Rs.)	Amount (Rs.)	Current Year (Rs.)
To Opening Balance:						By Revenue Payments	1		738,245,050.59		757,226,775.36
Cash in hand	6	444,329.00				By Capital Payments	1		205,950,893.69		84,918,065.00
Cash at Bank	6	370,087,954.52		404,078,999.63		By Loans & Advances	2		47,778,236.04		48,460,263.41
Treasury	6	193,355,158.09		207,993,695.09		By Payments on Projects	3		54,173,615.00		51,102,891.00
P/L A/c with Treasury		17,995.00		17,995.00		By Investment	7		1,888,366,622.00		1,090,673,893.00
SBI Collection A/c		559.50	563,905,996.11	559.50	612,091,249.22	By Current Liabilities	4		152,738,772.00		168,160,753.73
To Revenue Receipts	1		1,009,090,250.00		881,682,491.23	By Loan (Liability)	5		-		-
To Capital Receipts	1		212,771,549.69		168,878,996.00	By Capital Work-in-Progress	10		-		20,724,287.00
To Recovery of Advances	2		51,537,092.04		49,147,005.41	By Closing Balance	6	404,078,999.63		472,961,369.77	
To Receipts on Projects	3		59,623,593.20		42,354,247.00	Cash at Bank	6			219,203,442.09	
To Investments	7		1,642,691,803.00		982,940,043.00	Treasury				17,995.00	
To Current Liabilities	4		159,724,154.50		176,356,263.00	P/L A/c with Treasury				559.50	
To Loan (Liability)	5		-		-	SBI Collection A/c			612,091,249.22	559.50	692,183,366.36
			3,699,344,438.54		2,913,450,294.86				3,699,344,438.54		2,913,450,294.86

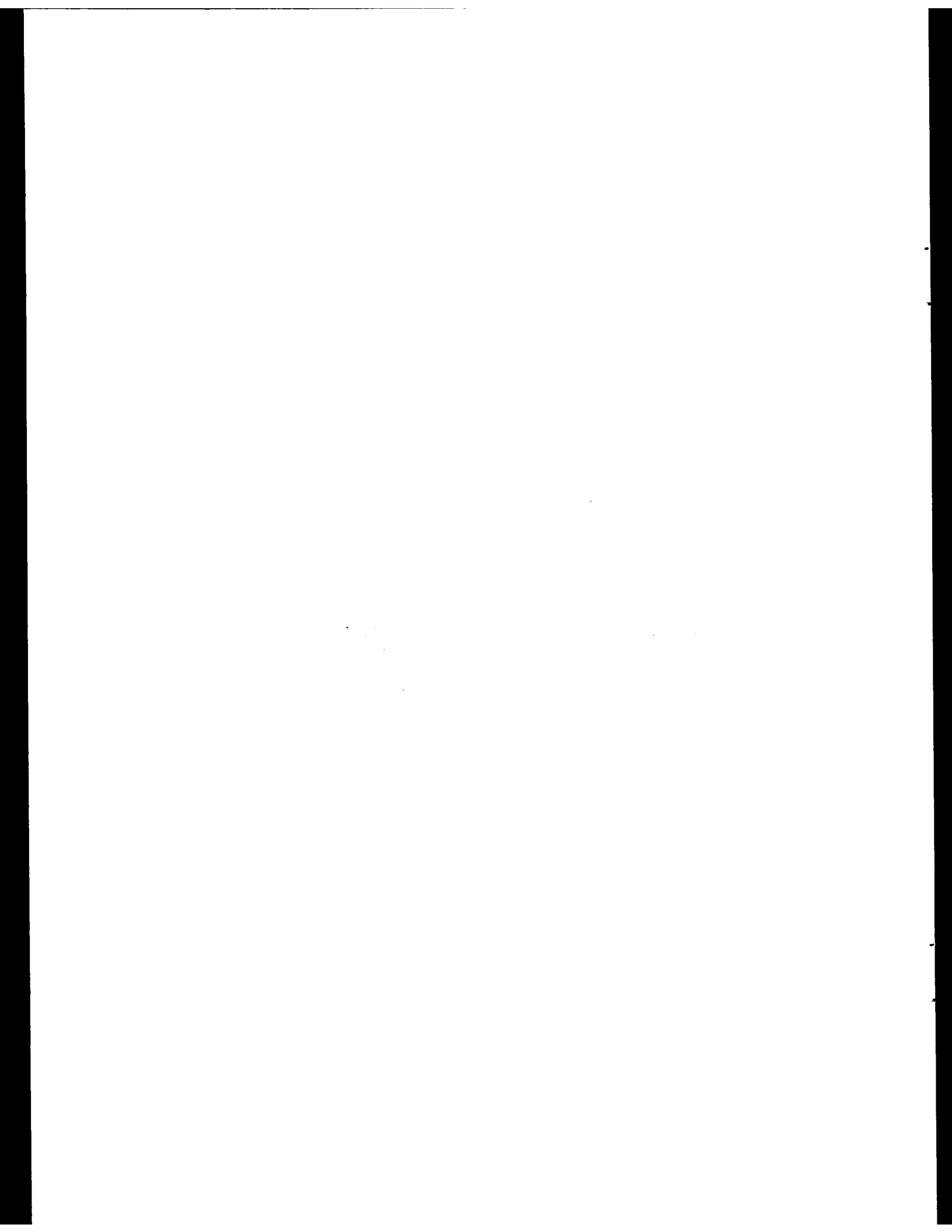
Sd/-
(A.K. Kundu)
Sr. Assistant

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

Sd/-
(P. K. Ghosh)
Finance Officer

CHAPTER - X

**AUTHORITIES OF THE
UNIVERSITY**



List of the Court Members of 2014-2015

1	Sri M.K. Narayanan The Chancellor University of North Bengal
2	Prof. Somnath Ghosh Vice – Chancellor University of North Bengal
3	Prof. P.R. Sengupta Dean, Faculty Council for P.G. Studies in Arts, Commerce & Law
4	Prof. Amitava Mukhopadhyay Dean, Faculty Council for P.G. Studies in Science
5	Sri. R.N. Ray A.O. & E.O. Jt. Secretary Higher Education Department University Branch Bikash Bhawan, 6 th Floor, Kolkata - 91
6	The Principal Secretary Department of Finance Government of West Bengal Writers' Building , Kolkata – 700001
7	Prof. Manas Banerjee Department of Chemistry Burdwan University Rajbati, Burdwan – 713104
8	The President West Bengal Council for Higher Secondary Education Vidyasagar Bhaban Block – DJ, Sector – II Salt Lake, Kolkata – 91
9	The President West Bengal Board of Madrasah Education, Begum Rokaiya Bhaban 19, Haji Md. Mahasin Square, Kolkata – 700016
10	The President West Bengal Board of Secondary Education 77/2 Park Street, Kolkata – 700016
11	Dr. Dipak Ranjan Mandal Director of Public Instruction Govt. of West Bengal Education Directorate Bikash Bhawan, Salt Lake, Kol-91
12	The Chairman

	University Grants Commission Bahadur Shah Zafar Marg New Delhi – 110002
13	Prof. Braj Nath Kundu Institute of Education Visva Bharati University Shantiniketan, Birbhum
14	Dr. Ringee Eden Wangdi Swaika Villa Old Kutenery Road Darjeeling 734101
15	Representative of Department & colleges: The Head Department of Anthropology University of North Bengal
16	The Head Department of Bengali University of North Bengal
17	The Head Department of Bio-Technology University of North Bengal
18	The Head Department of Botany University of North Bengal
19	The Head Department of Chemistry University of North Bengal
20	The Head Department of Computer Science & Application University of North Bengal
21	The Head Department of Commerce University of North Bengal
22	The Head Department of Economics University of North Bengal
23	The Head Department of English University of North Bengal
24	The Head Department of Geography & Applied Geography University of North Bengal
25	The Director Centre for Himalayan Studies University of North Bengal
26	The Head Department of Hindi University of North Bengal

27	The Head Department of History University of North Bengal
28	The Head Department of Law University of North Bengal
29	The Head Department of Library & Information Science University of North Bengal
30	The Head Department of Life Long Learning & Extension University of North Bengal
31	The Head Department of Management University of North Bengal
32	The Head Department of Mass Communication University of North Bengal
33	The Head Department of Mathematics University of North Bengal
34	The Head Department of Microbiology University of North Bengal
35	The Head Department of Nepali University of North Bengal
36	The Head Department of Philosophy University of North Bengal
37	The Head Department of Physics University of North Bengal
38	The Head Department of Political Science University of North Bengal
39	The Head Department of Sociology University of North Bengal
40	The Head Department of Tea Science University of North Bengal
41	The Head Department of Zoology University of North Bengal
<i>Senior Professor of the University</i>	
42	Prof. Subodh Kr.Jash Department of Bengali

	University of North Bengal
43	Prof.Biswanath Chakraborty Department of Botany University of Northbengal
44	Prof.Basudeb Basu Department of Chemistry University.of North Bengal
45	Prof.Palash Ranjan Sengupta Department of Commerce University of Northbengal
46	Prof.Ranjit Kr. Samanta Department of Computer Science & Application University of North Bengal
<i>Principals of Affiliated Colleges</i>	
47	The Principal Cluni Women's College P.O:Kalimpong Dist:Darjeeling
48	The Principal Indian Institute of Legal Studies Dagapur,Siliguri Dist:Dargeeling
49	The Principal A.C.Training College P.O & Dist.Jalpaiguri
50	The Principal Darjeeling Govt.College P.O& Dist:Darjeeling
51	The Principal Maynaguri college P.O:Mainaguri Dist.Jalpaiguri Pin:735224
52	The Principal Kurseong College P.O:Kurseong Dist:Darjeeling
53	The Principal Islampur College P.O:Islampur Dist:Uttar Dinajpur
54	The Principal Salesian College P.O:& Dist:Darjeeling

55	The Principal Tufanganj College P.O;Tufanganj Dist:Cooch Behar
56	Members nominated by the Chancellor: Dr.Renu Bapna Advisor-I All India Council For Technical Education Chanderlok building, 7 th Floor, Janpath, New delhi-110001
57	Prof.Ammitava Roy Chaudhuri Sir Tarak Nath Palit Professor of Physics Department of Physics University Of Calcutta 92 Acharya Prafulla Chandra Road Kolkata-700009
58	Prof.Kalyan Kr.Datta 26/5-B Ballygunge Circular Road Kolkata-91
59	Prof.Bipul Kr.Bhadra Professor of Sociology Jadavpur University Kolkata-32
60	Prof.Arunoday Saha Vice-Chancellor Tripura University Suryamaninagar, Tripura(W), Pin:799022

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is crucial for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the need for consistent data collection procedures and the use of advanced analytical techniques to derive meaningful insights from the data.

3. The final part of the document provides a summary of the key findings and recommendations. It stresses the importance of regular reporting and communication of results to all relevant stakeholders to facilitate informed decision-making and strategic planning.

List of Executive Council Members of 2014-2015

1	Prof. Somnath Ghosh Vice-Chancellor University of North Bengal
2	Sri R.N. Ray A.O. & E.O. Jt. Secretary Higher Education Department University Branch Bikash Bhawan, 6 th floor Kolkata – 91
3	The Principal Secretary Department of Finance Govt. of West Bengal Writers' Buildings Kolkata-01
4	Prof. Indrajit Ray Department of Commerce University of North Bengal
5	Dr. Dipak Ranjan Mandal Director of Public Instruction Government of West Bengal Education Directorate Bikash Bhavan, Salt Lake, Kolkata – 91
6	Prof. P.R. Sengupta Dean, Faculty Council for P.G. Studies in Arts, Commerce & Law
7	Prof. Amitava Mukhopadhyay Dean, Faculty Council for P.G. Studies in Science
<i>Principals of Affiliated Colleges</i>	
8	The Principal A.C. Training College P.O & Dist. Jalpaiguri
9	The Principal Jalpaiguri Law College Beguntari More, P.O & Dist: Jalpaiguri
10	The Principal Indian Institute of Legal Studies Dagapur, Siliguri Dist: Dargeeling
11	The Principal P.D. Women's College P.O. & Dist – Jalpaiguri
12	The Principal

	Darjeeling Govt.College P.O& Dist:Darjeeling
13	The Principal Maynaguri college P.O:Mainaguri Dist.Jalpaiguri Pin:735224
14	The Principal Sahid Kshudiram College P.O. – Kamakshyaguri Dist – Jalpaiguri
Other Members (Three Heads of the Departments):	
15	The Head Department of Commerce University of North Bengal
16	The Head Department of Botany University of North Bengal
17	The Head Department of Chemistry University of North Bengal
<i>Chancellor's Nominee:</i>	
18	Prof. Suparna Gooptu University of Calcutta Department of History Kshudiram Siksha Prangan 1, Reformatory Street, Alipore Kolkata 700027
19	Prof. Mahendra P Lama Former Vice – Chancellor Sikkim University School of International Relations Jawaharlal Nehru University New Delhi PIN 110067

List of members of the Faculty Council for PG Studies in Science, 2014-2015

1. Prof. Somnath Ghosh, Hon'ble Vice-Chancellor, NBU - **Chairman**
2. Prof. Anuradha Mukhopadhyay, Hon'ble Vice-Chancellor, KNU, - Nominee of the Hon'ble V.C., NBU.
3. Dr. G. C. De, Department of Chemistry, Alipurduar College, Alipurduar. -Nominee of the Hon'ble V.C., NBU.
4. The Dean, Faculty Council for P.G. Studies in Science - Vice-Chairman
5. The Head of the Department of Chemistry
6. The Head of the Department of Physics
7. The Head of the Department of Mathematics
8. The Head of the Department of Geography & Applied Geography
9. The Head of the Department of Botany
10. The Head of the Department of Zoology
11. The Head of the Department of Biotechnology
12. The Head of the Department of Computer Science & Application
13. The Head of the Department of Anthropology
14. The Head of the Department of Microbiology
15. The Head of the Department of Tea Science
16. Prof. Parag Sinchan Roy, Department of Chemistry
17. Prof. Swapan Kr. Saha, Department of Chemistry
18. Prof. Basudeb Basu, Department of Chemistry
19. Prof. Mahendra Nath Roy, Department of Chemistry
20. Prof. Amitabha Mukhopadhyay, Department of Physics
21. Prof. Pradip Kr. Mandal, Department of Physics
22. Prof. Suparna De Sarkar, Department of Mathematics
23. Prof. Dhurjati Prasad Dutta, Department of Mathematics
24. Prof. Kamal Kanti Nandi, Department of Mathematics
25. Prof. Manoj Kr. Bose, Department of Mathematics
26. Prof. Subir Sarkar, Department of Geography & Applied Geography
27. Prof. Biswanath Chakraborty, Department of Botany

28. Prof. Usha Chakraborty, Department of Botany
29. Prof. Abhoy Prasad Das, Department of Botany
30. Prof. Prabir Kr. Sarkar, Department of Botany
31. Prof. Sudip Barat, Department of Zoology
32. Prof. Joydeb Pal, Department of Zoology
33. Prof. Ananda Mukhopadhyay, Department of Zoology
34. Prof. Tapas Kr. Chaudhuri, Department of Zoology
35. Prof. Subhas Ch Paul, Department of Computer Science & Application
36. Prof. Ranjit Kr. Samanta, Department of Computer Science & Application
37. Prof. Nayan Ranjan. Manna, Department of Computer Science & Application

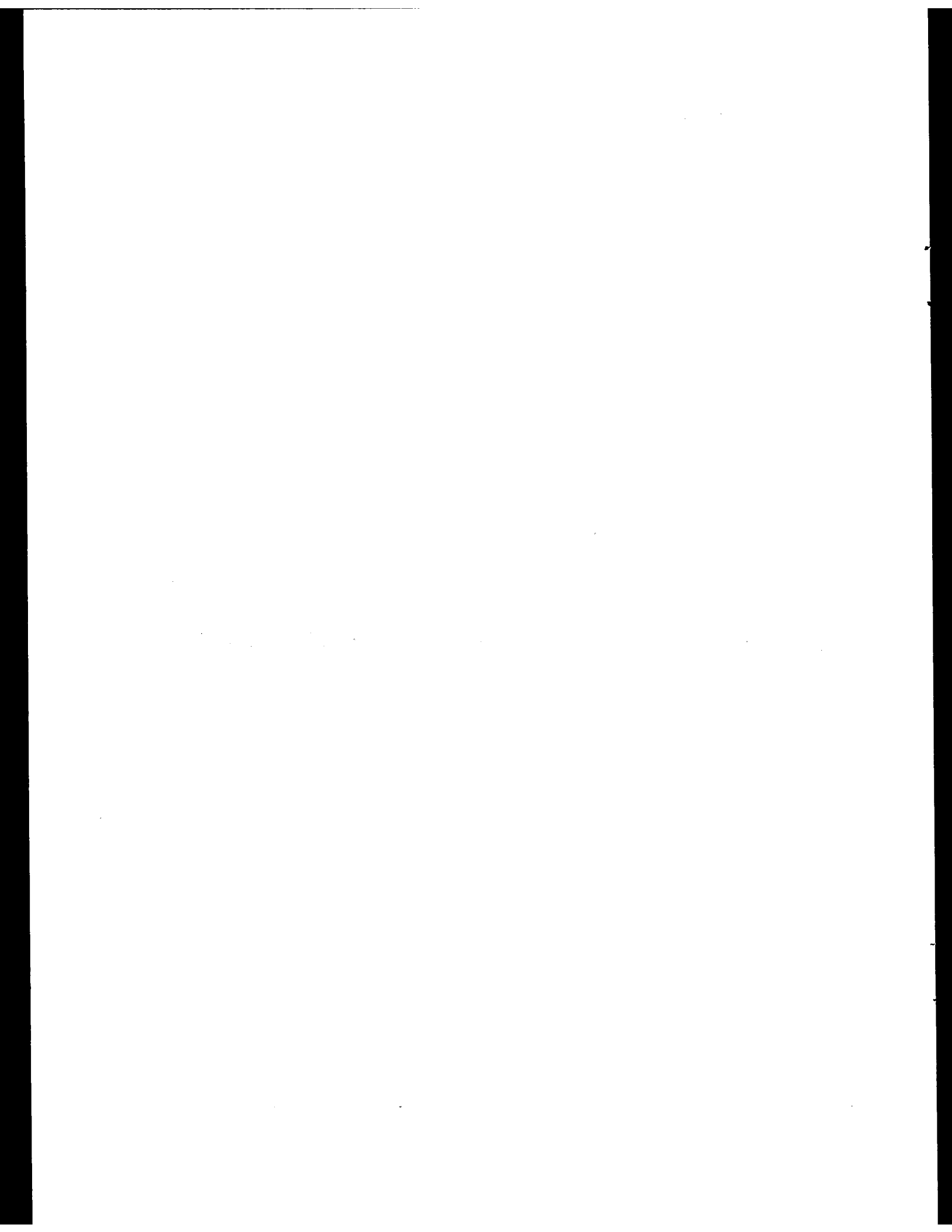
List of members of The Faculty Council for P.G Studies in Arts, Commerce & Law:

1. Prof. Somnath Ghosh, Hon'ble Vice-Chancellor - Chairman
2. Prof. Ranjan Chakrabarti, Hon'ble Vice-Chancellor - Nominee of the Hon'ble Vice-Chancellor, NBU.
3. Dr. Mukul Ghosh, Surya Sen Mahavidyalaya, Siliguri – Nominee of the Hon'ble Vice-Chancellor, NBU.
4. The Dean, Faculty Council for P.G Studies in Arts, Com & Law, - Vice-Chairman
5. The Head, Dept. of Bengali, NBU.
6. The Head, Dept. of Economics, NBU.
7. The Head, Dept. of Philosophy, NBU.
8. The Head, Dept. of History, NBU.
9. The Head, Dept. of English, NBU.
10. The Head, Dept. of Commerce, NBU.
11. The Head, Dept. of Nepali, NBU.
12. The Head, Dept. of Hindi, NBU.
13. The Head, Dept. of Mass Communication, NBU.
14. The Head, Dept. of Sociology, NBU.
15. The Head, Dept. of Political Science, NBU.
16. The Head, Dept. of Life Long Learning & Extension, NBU.
17. The Head, Dept. of Law, NBU.
18. The Head, Dept. of Library & Information Science, NBU.
19. The Head, Dept. of Management, NBU.
20. The Director, Centre for Himalayan Studies, NBU.
21. Prof. Subodh Kr. Jash, Dept. of Bengali, NBU.
22. Prof. Manjula Bera, Dept. of Bengali, NBU.
23. Prof. P.K. Sengupta, Dept. of Political Science, NBU.
24. Prof. Manas Chakraborty, Dept. of Political Science, NBU.
25. Prof. Md. Yasin, Dept. of Political Science, NBU.
26. Prof. Soumitra. De, Dept. of Political Science, NBU.

27. Prof. Girindra Narayan Roy, Dept. of English, NBU.
28. Prof. Soumyajit Samanta, Dept. of English, NBU.
29. Prof. Ashis Sengupta, Dept. of English, NBU.
30. Prof. Ichhimuddin Sarkar, Dept. of History, NBU.
31. Prof. Sanchari Roy Mukherjee, Dept. of Economics, NBU.
32. Prof. Jeta Sankirtayana, Dept. of Economics, NBU.
33. Prof. Anil Bhuimali, Dept. of Economics, NBU.
34. Prof. Kanak Kanti Bagchi, Dept. of Economics, NBU.
35. Prof. Raghunath Ghosh, Dept. of Philosophy, NBU.
36. Prof. Kantilal Das, Dept. of Philosophy, NBU.
37. Prof. Jyotish Ch. Basak, Dept. of Philosophy, NBU.
38. Prof. Palas Ranjan Sengupta, Dept. of Commerce, NBU.
39. Prof. Indrajit Roy, Dept. of Commerce, NBU.
40. Prof. Samirendra Nath Dhar, Dept. of Commerce, NBU.
41. Prof. Ajit Kr. Roy, Dept. of Commerce, NBU.
42. Prof. Debabrata Mitra, Dept. of Commerce, NBU.
43. Prof. Rajatsubhra Mukhopadhyay, Dept. of Sociology, NBU.
44. Prof. Mita Bhadra, Dept. of Sociology, NBU.
45. Prof. Sanjoy Kr. Roy, Dept. of Sociology, NBU.
46. Prof. Saswati Biswas, Dept. of Sociology, NBU.
47. Prof. Sekh Rahim Mandal, Centre for Himalayan Studies, NBU.
48. Prof. Rangadhar Sahu, Centre for Himalayan Studies, NBU.
49. Prof. Maitreyee Choudhury, Centre for Himalayan Studies, NBU.
50. Prof. Mohan Prasad Dahal, Dept. of Nepali, NBU.
51. Prof. Ghanshyam Nepal, Dept. of Nepali, NBU.
52. Prof. Gangotri Chakraborty, Dept. of Law, NBU.
53. Prof. B.P. Dwivedi, Dept. of Law, NBU.
54. The Librarian, NBU.

CHAPTER - XI

**NEW APPOINTMENTS, FAREWELL
& OBITUARY**



Date of Joining, Retired and Obituary of Officers, Teachers & Non – Teaching Staff

DATE OF JOINING – TEACHER: Nil

DATE OF JOINING – OFFICER: Nil

DATE OF JOINING – NON – TEACHING: Nil

Retired – Teacher

Sl. No.	Name of the Teacher	Date of Retirement
01.	Prof.Raghunath Ghosh	03.02.2015
02.	Prof.Joydev Pal	08.02.2015

Retired – Officer

Sl. No.	Name of the Officer	Date of Retirement
01.	Ranjit Kr.Mitra	28.02.2015

Retired – Non – Teaching

Sl. No.	Name of the Employee	Date of Retirement
01.	Sukla Bhattacharjee	13.04.2013
02.	Susanta Kanjilal	31.05.2013
03.	Gobind Jha	31.07.2013
04.	Santosh Kr.Saha	31.07.2013
05.	Shyamapada Mondal	13.10.2013
06.	Chandan Chakraborty	31.12.2013
07.	Bhagirath Singha	31.01.2014
08.	Dvijentra nath Barman	31.01.2014
09.	Bharen Rpy	31.01.2014
10.	Alok Das	31.01.2014
11.	Narayan Ch Khatua	31.01.2014
12.	Punai oraon	28.02.2014
13.	Mahesh Gope	28.02.2014

14	Smir Mitra	31.03.2014
15	Bhabendra Nath Roy	31.03.2014
16	Nirode Singha	31.06.2014
17	Niormal Das	31.07.2014
18	Lakshmi Sarkar	31.10.2014
19	Ramsagar Mandal	30.11.2014
20	Asis Kr.Nag	31.12.2014
21	Mridul Kar	31.12.2014
22	Rajendra Nath Adhikari	31.12.2014
23	Ajit Mukuti	31.01.2015
24	Pradip Kumar Kundu	31.01.2015
25	Samar Ghosh	28.02.2015
26	Dhani Oron	31.03.2015
27	Rita Ghosh	34.04.2015

Expired

Teacher –Dr. B.P. Dwivedi 05.11.2014

Officer – NIL

Non – Teaching:

Sl. No.	Name of the Employee	Date of Expired
01.	Rabindra Chandra Dutta	24.04.2014
02.	Pabitra Mallick	05.10.2014
03	Dhiren Singha	31.10.2014
04	Nabin Singha	14.01.2015

CHAPTER - XII

CONVOCATION

UNIVERSITY OF NORTH BENGAL

FORTY-FIFTH ANNUAL CONVOCATION 2015

Held on Thursday, February 26, 2015 at 10.00 a.m.

Guest in Chief

Prof. Bidyendu Mohan Deb

Recipients of Degree of Doctor of Science (Honoris Causa)

- a) Prof. Debashis Mukherjee
- b) Prof. Sabyasachi Bhattacharya
- c) Prof. Arun Kumar Srivastava

Recipients of Degree of Doctor of Literature (Honoris Causa)

- a) Justice Giridhar Malaviya (Retd.)
- b) Sri Joy Goswami
- c) Sri Samares Mazumder

University of North Bengal
Ph.D. list of 45th Annual Convocation
(Old)

Sl. No.	Name of the Candidate	Name of the Supervisor(s)	Subject	Topic	Degree Obtained (as per old ordinances)	Date when Admitted
01	Asim Basu	Dr. P.K. Saha and Prof. M. Sen, Co-supervisor	Mathematics	MORE RESULTS ON REPRESENTATION OF DIGRAPHS/BIGRAPHS USING INTERVALS OR CIRCULAR-ARCS	Ph.D. (Science)	19/11/13
02	Amritendu Chatterjee	Prof. B. Das	Chemistry	SOLUTION PROPERTIES OF SODIUM CARBOXYMETHYLCELLULOSE IN METHANOL-WATER MIXED SOLVENT MEDIA	Ph.D. (Science)	19/11/13
03	Ram Prasad Sharma	Prof. S. Sarkar	Geography & Applied Geography	A STUDY IN ENVIRONMENTAL DEGRADATION IN THE DARJEELING HILL AREAS	Ph.D. (Science)	19/11/13
04	Prabir Kumar Kundu	Dr. D.K. Mandal	Geography & Applied Geography	PROBLEMS AND PROSPECTS OF BALURGHAT MUNICIPAL AREA IN DAKSHIN DINAJPUR DISTRICT, WEST BENGAL	Ph.D. (Science)	19/11/13
05	Anuja Ray Chaudhuri	Dr. D.P. Datta	Mathematics	On Some Non-Perturbative Methods in Nonlinear Differential Systems	Ph.D. (Science)	19/11/13
06	Asit Roy Karmakar	Dr. Chanchal Kr. Mandal, Cooch Behar B.T. Evening College and Prof. A. Bhumali (Co-sup.)	Economics	ATTAINING SELF-SUFFICIENCY IN FINANCES: A STUDY OF RESOURCE MOBILISATION STRATEGIES OF COOCH BEHAR MUNICIPALITY	Ph.D. (Arts.)	19/11/13
07	Debadin Bose	Dr. Arnab Sen	Botany	Diversity of <i>Frankia</i> associated with <i>Alnus nepalensis</i> and <i>Casuarina equisetifolia</i> in West Bengal	Ph.D. (Science)	19/11/13
08	Partha Pratim Paul	Prof. G. Chakraborty	Law	MEDICINAL PLANTS AND THEIR PROTECTION AS TRADITIONAL KNOWLEDGE:	Ph.D. (Law)	19/11/13

				A STUDY OF THE LEGAL FRAMEWORK WITH SPECIAL REFERENCE TO COOCH BEHAR DISTRICT OF WEST BENGAL		
09	Tapan Kakati	Prof. K.L. Das	Philosophy	HUMANISM IN THE CONTEXT OF PRESENT DAY SCENARIO	Ph.D. (Arts)	20/12/13
10	Subhásis Mitra	Prof. D. Mitra	Commerce	GLOBALISATION: ITS IMPACT ON INDUSTRIAL RELATIONS IN TEA PLANTATION OF TERAI AND DOOARS REGION OF WEST BENGAL	Ph. D. (Commerce)	20/12/13
11	Patitpaban Chowdhury	Dr. Mir Rezaul Karim	Bengali	মালদহ জেলার খোঁটাভাষা : ভাষাতাত্ত্বিক পর্যবেক্ষণ	Ph.D. (Arts)	20/12/13
12	Lopamudra Das	Dr. A. Saha and Dr. D. Saha (Co-sup.)	Botany	STUDIES ON TEA SEED MYCOFLORA AND RESISTANCE OF YOUNG TEA PLANTS AGAINST RHIZOCTONIA SOLANI, A SOIL BORNE ROOT PATHOGEN OF GERMINATING TEA SEEDLINGS	Ph.D. (Science)	20/12/13
13	Sanjoy Saha	Dr. D.K. Mandal	Geography & Applied Geography	A STUDY ON THE GEOMORPHIC CHARACTERISTICS OF THE RAYENG BASIN IN DARJEELING HIMALAYA, WEST BENGAL	Ph.D. (Science)	20/12/13
14	Shibu Roy	Prof. Manjula Bera	Bengali	সুভাষ মুখোপাধ্যায় : জীবন ও সাহিত্য	Ph.D. (Arts)	20/12/13
15	Smt. Papri Das Mahalanabis	Prof. A. Bhuimali	Economics	Informal Sector and Women as Domestic Help with Special Reference to Cooch Behar	Ph.D. (Srts)	20/12/13
16	Utpal Barman	Dr. D.K. Das	Mathematics	STUDY OF VISCOUS OF STRATIFIED FLUID OVER A PERMEABLE BEAD	Ph.D. (Science)	19/3/14, 20/3/14 &

						22/3/14
17	Bidyut Kumar Das	Prof. Manjula Bera	Bengali	মনস্কভের আলোকে বস্ফিমচন্দ্র-রবীন্দ্রনাথ-শরৎচন্দ্রের বাংলা উপন্যাসে দাম্পত্য সমস্যা	Ph.D. (Arts)	19/3/14, 20/3/14 & 22/3/14
18	Nuruzzaman Kasemi	Dr. S. Sao	Geography & Applied Geography	STRATEGIES FOR THE DEVELOPMENT OF HOUSEHOLD INDUSTRIES IN JALPAIGURI DISTRICT, WEST BENGAL	Ph.D. (Science)	19/3/14, 20/3/14 & 22/3/14
19	Arvind Kumar	Dr. R. Chakraborty	Biotechnology	STUDIES ON OLIGOTROPHIC BACTERIA OF RIVER MAHANANDA OF NORTHERN WEST BENGAL WITH SPECIAL EMPHASIS ON GENOMICS OF INTEGRONS	Ph.D. (Science)	19/3/14, 20/3/14 & 22/3/14
20	Ranjita Chakraborty	Prof. S. De	Political Science	POLITICS OF PUBLIC PRIVATE PARTNERSHIP, WOMEN AND COMMUNITY BASED NATURAL RESOURCE MANAGEMENT IN INDIA: CASE STUDIES WITH SPECIAL REFERENCE TO NORTH BENGAL	Ph.D (Arts)	19/3/14, 20/3/14 & 22/3/14
21	Anasooya Ghosh	Prof. D. Saha and Dr. A. Saha (Co-Supervisor)	Biotechnology	STUDIES ON SOIL-INHABITING SIDEROPHORE-PRODUCING BACTERIA AND THEIR ROLE IN SUPPRESSION OF PLANT ROOT PATHOGENS	Ph.D. (Science)	19/3/14, 20/3/14 & 22/3/14
22	Bijoy Kumar Sarkar	Prof. K.L. Das	Philosophy	IS- OUGHT DICHOTOMY: A CRITICAL REFLECTION	Ph.D (Arts)	19/3/14, 20/3/14 & 22/3/14
23	Nitish Mondal	Dr. Joydeep Sen	Anthropology	ASSESSMENT OF NUTRITIONAL STATUS AMONG THE RAJBANSHI POPULATION OF NORTH BENGAL	Ph.D. (Science)	19/3/14, 20/3/14 & 22/3/14
24	Krishnaraj Ghatani	Prof. B.K. Upadhyay	Nepali	VIJAY MALLAKA NAATYAKRITHIHARUKO PRAVRITIPARAK ADHYAYAN	Ph.D (Arts)	25/04/14

25	Debabrata Basu	Prof. P.K. Sengupta	Political Science	DEMOCRACY, GOOD GOVERNANCE AND SOCIAL CHANGE – A STUDY IN THE CONTEXT OF INDIA'S GOVERNING PROCESS	Ph.D (Arts)	25/04/14
26	Sujata Kole	Prof. Manjula Bera	Bengali	আশাপূর্ণাদেবীর উপন্যাসে সময়, সমাজ ও নারী	Ph.D (Arts)	25/04/14
27	Narayan Chandra Basunia	Dr. N.C. Ray	Bengali	নকশালবাড়ি আন্দোলন ও বাংলা উপন্যাস	Ph.D (Arts)	25/04/14
28	Sudip Kumar Das	Dr. N.C. Ray	Bengali	বাংলা উপন্যাসে বন্ধুত্ব (১৮৫৮-১৯৫৭)	Ph.D (Arts)	25/04/14
29	Rajen Chettri	Dr. J.P. Tamang, Sikkim University	Botany	Microbiological evaluation of <i>Turangbai</i> and <i>Bekang</i> , Ethnic Fermented Soybean Foods of North East India	Ph.D. (Science)	25/04/14
30	Soma Banerjee	Prof. S. Barat	Zoology	Investigations on the Potentialities of Crop-Livestock-Fish Integrated Farming System for the Marginal Farmers in Terai Region of West Bengal	Ph.D. (Science)	25/04/14
31	Arup Pramanik	Prof. Sanchari Roy Mukherjee	Economics	URBANISATION AND POVERTY: A STUDY ON SOCIAL CAPITAL FORMATION AMONG SQUATTER SETTLEMENTS IN SILIGURI MUNICIPAL AREA	Ph.D. (Arts)	25/04/14

32	Gangotree Ghosh	Prof. S.N. Dhar	Commerce	FISCAL INCENTIVES, ADDITIONAL TAXES AND PROBLEMS OF MANAGEMENT OF CORPORATE TAXES IN INDIA	Ph.D. (Commerce)	29/5/2014
33	Kaushik Niyogi	Prof. C.K. Mukhopadhyay and Dr. K. Datta (Co-supervisor)	Economics	RELATIONSHIP BETWEEN TWIN DEFICITS IN PAKISTAN – AN ECONOMETRIC STUDY	Ph.D. (Arts)	29/5/2014
34	Debabrata Nandi	Dr. Pranab Kumar Ghosh	Chemistry	SYNTHESIS, CHARACTERIZATION AND EVALUATION OF ACRYLATE-BASED POLYMERIC ADDITIVES FOR LUBRICATING OIL	Ph.D. (Science)	29/5/2014
35	Pritha Roy Chowdhury	Prof. M. Yasin and Prof. D.J. Bhowmik (Co-supervisor)	Political Science	EMERGING PATTERN OF DISTRICT LEVEL DEVELOPMENT ADMINISTRATION IN SIKKIM: A STUDY SINCE 1975	Ph.D. (Arts)	29/5/2014
36	Rosy Chamling	Prof. S. Samanta	English	EXISTENTIAL CRISIS IN FRANZ KAFKA	Ph.D. (Arts)	29/8/14 & 30/8/14
37	Buddhilal Subba	Dr. A.K. Jana	Political Science	Democracy and Development Experience in Sikkim : A Study of Sikkim Sangram Parishad Government (1984-1994)	Ph.D. (Arts)	29/8/14 & 30/8/14
38	Bimal Kanti Basumatary	Prof. Ratna Roy Sanyal	History	STATUS AND ROLE OF BODO WOMEN IN NORTHERN PART OF	Ph.D. (Arts)	29/8/14 & 30/8/14

				BRAHMAPUTRA VALLEY IN ASSAM [1919-2003]		
39	Rajadipta Roy	Prof. Girindra Narayan Roy	English	BETWEEN CULTURE AND EMPIRE: READING SELECT NOVELS OF JOSEPH CONRAD	Ph.D. (Arts)	29/8/14 & 30/8/14
40	Joydeep Bhattacharyya	Prof. A. Sengupta	English	THE PLAYS OF VIJAY TENDULKAR AND GIRISH KARNAD: CRITIQUING POST- INDEPENDENCE INDIAN SOCIETY	Ph.D. (Arts)	29/8/14 & 30/8/14
41	Shrabani Rana	Prof. S. Sarkar	Geography & Applied Geography	APPLICATION OF GEO- INFORMATICS IN MICRO-LEVEL DEVELOPMENT PLANNING: A CASE STUDY IN DHUPGURI BLOCK OF JALPAIGURI DISTRICT, WEST BENGAL	Ph.D. (Science)	29/8/14 & 30/8/14
42	Palash Mandal	Prof. P.K. Basu and Prof. P.K. Sircar-Co- supervisor	Botany	BIOACTIVITY OF LOW MOLECULAR WEIGHT PEPTIDES ISOLATED FROM SOME IMPORTANT CROP PLANTS UNDER VARIOUS TREATMENTS AND CONDITIONS	Ph.D. (Science)	29/8/14 & 30/8/14
43	Anjan Chakrabarti	Prof. S.R. Mukherjee	Economics	TRENDS IN AGRICULTURAL PRODUCTIVITY IN POST- LAND REFORM PERIOD: A STUDY OF THE IMPACT OF AGRICULTURAL PRODUCTIVITY ON	Ph.D. (Arts)	28/10/14

				EMPLOYMENT AND THE ECONOMY OF WEST BENGAL		
44	Uday Sankar Agarwalla	Dr. P. Bandyopadhyay	Chemistry	Oxygenation Reactions of Organic and Organometallic Compounds	Ph.D. (Science)	05/12/14
45	Pankaj Kumar Mondal	Sociology	Prof. R.K. Bhadra	RESPONSE OF SLUM DWELLERS TO INTEGRATED CHILD DEVELOPMENT SERVICES : A CASE STUDY OF BARTALA PROJECT IN KOLKATA	Ph.D. (Arts)	05/12/14
46	Binayak Roy	English	Dr. C. Laha	THE INTELLECTUAL AMPHIBIAN: AN EXPLORATION OF AMITAV GHOSH AS A NOVELIST	Ph.D. (Arts)	05/12/14
47	Rajib Bhaumik	English	Prof. G.N. Roy	NEGOTIATING MULTIPLE DISLOCATIONS: A STUDY OF BHARATI MUKHERJEE'S FICTION	Ph.D. (Arts)	05/12/14
48	Sudipta Chattopadhyay	Philosophy	Prof. B.B. Chakrabarti	REALITY OF THE CONCEPT OF MOTION: EAST - WEST DIALOGUE	Ph.D. (Arts)	08/01/15
49	Debajani Nath	Philosophy	Prof. B.B. Chakrabarti	THE CONCEPT OF SELF IN INDIAN PHILOSOPHY	Ph.D. (Arts, Commerce & Law)	08/01/15
50	Naresh Chandra Khati	Nepali	Independent	KAVI ISHWAR BALLABHKA KAVYA KRITIKO	Ph.D. (Arts, Commerce)	08/01/15

				VISHLESANATMAK ADHYAYAN RA MULYANKAN	& Law)	
51	Rashi Subba	Botany	Dr. Binod C. Sharma- Supervisor, Darjeeling Govt. College and Dr. A. Saha - co- supervisor, NBU	ISOLATION AND CHARACTERIZATION OF PHOSPHATE SOLUBILISING MICROBES FROM DARJEELING SOILS FOR THEIR USE AS POTENTIAL INOCULANTS IN UPLAND FARMING SYSTEMS	Ph.D. (Science)	08/01/15
52	Debarchana Das	Physics	Prof. S.K. Ghosal	ON SOME CONCEPTUAL AND COUNTER- INTUITIVE ISSUES IN RELATIVITY THEORY	Ph.D. (Science)	19.2.2015
53	Sudhan Pradhan	Botany	Dr. J.P. Tamang	Studies on Some Wild leafy Vegetables of Sikkim with Reference to Ecological Distribution and Nutritional Composition	Ph.D. (Science)	19.2.2015
54	Sankar Kumar Das	History	Dr. B.K. Sarkar	Freedom Movement in Contai and the 'Nihar' (1901 – 1935)	Ph.D. (Arts, Commerce & Law)	19.2.2015
55	Laxmi Saha	Philosophy	Prof. K.L. Das	FEMINISM: AN ISSUE OF SOCIAL JUSTICE AND EQUALITY	Ph.D. (Arts, Commerce & Law)	19.2.2015
56	Ranjit Barman	Himalayan Studies	Dr. U. Bhui	EMPOWERMENT OF RURAL WOMEN THROUGH SELF HELP GROUP: A STUDY OF SUB-HIMALAYAN REGION OF JALPAIGURI	Ph.D. (Arts, Commerce & Law)	19.2.2015

				DISTRICT IN WEST BENGAL		
57	Amar Kanti Jana	Himalayan Studies	Prof. R. Sahu	SPATIAL VARIATIONS IN THE LEVELS OF DEVELOPMENT IN SIKKIM	Ph.D. (Arts, Commerce & Law)	19.2.2015
58	Sitesh Mandal	Economics	Prof. A. Bhuimali	AN EVALUATION OF POVERTY ALLEVIATION PROGRAMMES IN WEST BENGAL WITH SPECIAL REFERENCE TO DAKSHIN DINAJPUR DISTRICT	Ph.D. (Arts, Commerce & Law)	19.2.2015
59	Upendra Adhikari	Political Science	Prof. S. De	BAMBOO FLOWERING, HUMAN SECURITY AND THE STATE: A POLITICAL ECOLOGICAL STUDY OF THE IMPACT OF CYCLICAL BAMBOO FLOWERING ON HUMAN SECURITY AND THE ROLE OF STATE IN MIZORAM	Ph.D. (Arts, Commerce & Law)	19.2.2015

University of North Bengal
Ph.D. list of 45th Annual Convocation
(as per New Ordinances)

Sl. No.	Name of the Candidate	Name of the Supervisor(s)	Subject	Topic	Degree Obtained (as per New Ordinances)	Date when Admitted
01	Gobinda Karmakar	Dr. P. Ghosh	Chemistry	SYNTHESIS, CHARACTERIZATION AND PERFORMANCE EVALUATION OF POLYMERIC ADDITIVES FOR LUBRICATING OIL	Ph.D. (Science)	19/11/13
02	Dilip Roy Chowdhury	Prof. R.K. Samanta & Prof. Mridula Chatterjee, (Co-sup.)	Computer Science & Application	A STUDY ON SOME PREVALENT DISEASES AMONGST NEONATES OF NORTH-EASTERN PARTS OF INDIA AND DEVELOPMENT OF KNOWLEDGE-BASED DECISION SUPPORT SYSTEM FOR TREATMENT PLANNING	Ph.D. (Science)	19/3/14, 20/3/14 & 22/3/14
03	Suranjan Shil	Dr. Anirban Misra	Chemistry	THEORETICAL INVESTIGATION OF MAGNETIC AND ELECTRICAL TRANSPORT PROPERTIES OF MOLECULES AND RADICALS	Ph.D. (Science)	19/3/14, 20/3/14 & 22/3/14
04	Rajat Kumar Dey	Dr. A. Bhadra	Physics	STUDIES OF HIGH ENERGY COSMIC RAYS AT PeV REGION	Ph.D. (Science)	19/3/14, 20/3/14 & 22/3/14
05	Sripada Haldar	Prof. P.K. Mandal	Physicss	INVESTIGATION ON SOME ACHIRAL AND CHIRAL MESOGENIC SYSTEMS BY DIFFERENT EXPERIMENTAL TECHNIQUES	Ph.D. (Science)	19/3/14, 20/3/14 & 22/3/14

06	Mahua Rudra	Dr. Min Bahadur	Zoology	Cytogenetic Divergence in the Indian Pygmy Field Mice <i>Mus terricolor</i>, Blyth of The Dooars and Terai regions of West Bengal	Ph.D. (Science)	25/04/14
07	Arka Pratim Chakraborty	Prof. U. Chakraborty & Prof. B.N. Chakraborty (Co-supervisor)	Botany	Studies on <i>Bacillus megaterium</i> and <i>Serratia marcescens</i> as plant growth promoters and biocontrol agents	Ph.D. (Science)	25/04/14
08	Kiran Sunar	Prof. B.N. Chakraborty & Prof. U. Chakraborty (Co-supervisor)	Botany	Studies on soil microbial diversity of Darjeeling hills and their evaluation for utilization in the improvement of crop health	Ph.D. (Science)	25/04/14
09	Anand Pariyar	Dr. P. Bandyopadhyay and Dr. A.N. Biswas (Co-supervisor)	Chemistry	POLYDENTATE LIGANDS AND TRANSITION METAL COMPLEXES : PHOTOPHYSICS AND CATALYSIS	Ph.D. (Science)	25/04/14
10	Navin Barik	Prof. B.P Dwivedi	Law	"WE THE PEOPLE" AND SOCIAL WELFARE UNDER THE INDIAN CONSTITUTION: A STUDY OF CONSTITUTIONALISM	Ph.D. (Law)	25/04/14

11	Smt. Papia Sengupta	Dr. Maya Ghosh	Political Science	The Role of Voluntary Organizations in Rural Development : A Study in Selected Sectors in West Bengal	Ph.D. (Arts)	29/5/2014
12	Sri Manik Lal Acharjee	Prof. Sudip Barat	Zoology	DIVERSITY OF PLANKTON AND ICHTHYOFAUNA IN RELATION TO LIMNOCHEMISTRY OF RIVER TEESTA AND RELI IN THE DARJEELING HIMALAYA OF WEST BENGAL	Ph.D. (Science)	29/5/2014
13	Sri Dhiraj Saha	Prof. Ananda Mukhopadhyay & Dr. Min Bahadur, (Co-supervisor)	Zoology	Assessment of Population variability at subcellular level of some common sucking tea pests from Darjeeling Hill and its adjoining plain	Ph.D. (Science)	29/5/2014
14	Sri Binay Kumar Patel	Dr. Manisha Jha	Hindi	SAMKALEEN HINDI UPANYAS MEIN SAMPRADAYIKTA KA SANDARBH	Ph.D. (Arts)	29/5/2014
15	Sri Arindam Saha	Dr. B.C. Paul	Physics	MODIFIED THEORIES OF GRAVITY AND DARK ENERGY MODELS OF THE UNIVERSE	Ph.D. (Science)	29/5/2014
16	Sri Souvik Ghose	Dr. B.C. Paul	Physics	SOME ASPECTS OF MODIFIED THEORIES OF GRAVITY AND DARK ENERGY MODELS OF THE UNIVERSE	Ph.D. (Science)	29/5/2014
17	Sri Partha Chattopadhyay	Prof. A. Bhuimali and Prof. Bipul Malakar (Co-supervisor), Jadavpur University, Kolkata	Economics	TRANSFORMING INDIAN ECONOMY INTO KNOWLEDGE ECONOMY: THE ROLE OF HUMAN RESOURCES WITH REFERENCE TO INDIA	Ph.D. (Arts)	18/7/2014
18	Arvind Kumar Goyal	Dr. A. Sen	Botany	Study of Genetic Diversity and Micropropagation of Bamboos of North Bengal	Ph.D. (Science)	29/8/14 & 30/8/14
19	Om Prakash Sharma	Prof. B.P. Dwivedi	Law	RESERVATION: IDENTIFICATION AND DETERMINATION OF BACKWARD CLASSES IN INDIA	Ph.D. (Law)	29/8/14 & 30/8/14

20	Akhileshwar Prasad	Dr. M.K. Das	Physics	STUDY OF THE INDUCTION OF SMECTIC A _d AND RE-ENTRANT NEMATIC PHASES IN BINARY MIXTURES OF LIQUID CRYSTALS	Ph.D. (Science)	29/8/14 & 30/8/14
21	Lakpa Tamang	Dr. D.K. Mandal	Geography & Applied Geography	EFFECTS OF BOULDER LIFTING ON THE FLUVIAL CHARACTERISTICS OF LOWER BALASON BASIN IN DARJEELING DISTRICT, WEST BENGAL	Ph.D. (Science)	29/8/14 & 30/8/14
22	Rupesh Tiwari	Prof. M.K. Bose	Mathematics	CERTAIN INVESTIGATIONS ON A SET EQUIPPED WITH AN INCREASING SEQUENCE OF TOPOLOGIES	Ph.D. (Science)	29/8/14 & 30/8/14
23	Tara Sharma	Dr. S. Rohatgi	Geography & Applied Geography	LEVEL OF RURAL DEVELOPMENT IN SIKKIM : A CASE STUDY OF YUKSAM DEVELOPMENT BLOCK	Ph.D. (Science)	29/8/14 & 30/8/14
24	Pradip Kumar Chattopadhyay	Dr. B.C. Paul	Physics	RELATIVISTIC MODELS OF COMPACT OBJECTS AND INVESTIGATION ON THEIR PROPERTIES	Ph.D. (Science)	29/8/14 & 30/8/14
25	Suranjana Bose	Dr. P. Bandyopadhyay & Dr. A.N. Biswas-Co-sup.	Chemistry	Manganese corrole catalyzed oxygenation of hydrocarbons	Ph.D. (Science)	28/10/14
26	Smt. Subarna Thakur	Dr. A. Sen & Dr. A.K. Bothra-Co-supervisor, Raiganj College	Botany	In-silico characterization of some nitrogenase proteins from symbiotic diazotrophs and cyanobacteria	Ph.D. (Science)	05/12/14
27	Sri Bikram Saha	Dr. A. Saha & Dr. D. Saha – Co-supervisor	Botany	STUDIES ON SOME VIRAL DISEASES OF ECONOMICALLY IMPORTANT CROPS FROM SUB-HIMALAYAN WEST BENGAL AND THEIR MANAGEMENT STRATEGIES	Ph.D. (Science)	05/12/14
28	Utanka Kumar De	Prof. B.N. Chakraborty	Botany	Screening of Arbuscular Mycorrhizal Fungi and Plant Growth Promoting Rhizobacteria from rhizosphere of plantation crops and their evaluation for induction of resistance	Ph.D. (Science)	05/12/14

				in tea plants against fungal Pathogen		
29	Kamal Krishna Singh	Dr. Shilpi Ghosh	Biotechnology	Studies on regulation of glutamine synthetase isoforms during water deficit in differentially drought tolerant rice (<i>Oryza sativa</i> L.) cultivars and in a resurrection plant, <i>Selaginella bryopteris</i> L.	Ph.D. (Science)	05/12/14
30	Dhiraj Brahman	Dr. Biswajit Sinha	Chemistry	PHYSICO-CHEMICAL STUDIES OF SOME SCHIFF BASE COMPLEXES OF TRANSITION METALS IN PURE AND MIXED SOLVENT MEDIA	Ph.D. (Science)	05/12/14
31	Satadal Paul	Dr. Anirban Misra	Chemistry	Theoretical investigation of magnetic behavior in metal-based systems	Ph.D. (Science)	05/12/14
32	Manoranjan Singha	Dr. S. De Sarkar	Mathematics	ON DIFFERENT TOPOLOGY-LIKE STRUCTURES	Ph.D. (Science)	05/12/14
33	Ajoy Mukharjee	Prof. M.K. Bose	Mathematics	CERTAIN INVESTIGATIONS ON BITOPOLOGICAL SPACES	Ph.D. (Science)	05/12/14
34	Moumita Chakraborty	Dr. A.K. Panda	Chemistry	PHYSICOCHEMICAL INVESTIGATIONS ON MICROHETEROGENOUS SYSTEMS WITH SPECIAL REFERENCE TO SPECTROSCOPIC STUDIES	Ph.D. (Science)	19.2.2015
35	Sudash Lama	Prof. A. Bagchi	History	FROM BON TO BUDDHISM-Social and Cultural Changes of the Tamangs	Ph.D. (Arts, Commerce & Law)	19.2.2015
36	Malay Bhattacharya	Dr. Arnab Sen	Botany	Micropropagation, diversity study and detection of antioxidants in some medicinal Zingibers	Ph.D. (Science)	19.2.2015
37	Rohini Lama	Prof. U. Chakraborty	Botany	Biochemical responses of maize (<i>Zea mays</i> L.) to water stress	Ph.D. (Science)	19.2.2015
38	Bhumika Pradhan	Prof. U. Chakraborty	Botany	Influence of drought and salinity on metabolic processes in different wheat varieties	Ph.D. (Science)	19.2.2015

39	Bhawna Rai	Prof. A. Bagchi	History	HISTORY OF THE DARJEELING HIMALAYAN RAILWAY AND ITS SOCIO - ECONOMIC IMPACT ON DARJEELING (1880 – 1999)	Ph.D. (Arts, Commerce & Law)	19.2.2015
40	Gargee Dhar Purkayastha	Dr. Dipanwita Saha and Dr. A. Saha (Co-supervisor)	Biotechnology	BIOLOGICAL CONTROL OF IMPORTANT FUNGAL PATHOGENS OF TEA BY ANTAGONISTIC MICROORGANISMS ISOLATED FROM TEA RHIZOSPHERE	Ph.D. (Science)	19.2.2015
41	Shashi Sharma	Dr. M. Jha	Hindi	DUSHYANT KUMAR KI KAVITA MEIN SAMAJIK YATHARTH	Ph.D. (Arts, Commerce & Law)	19.2.2015
42	Gopesh Kumar Sarma	Prof. I. Sarkar	History	KINGS AND CULTS IN THE LAND OF KAMAKHYA UP TO 1947 (A Study on Religion, Power and State)	Ph.D. (Arts, Commerce & Law)	19.2.2015

UNIVERSITY OF NORTH BENGAL
AWARDS OF MEDALS ON THE OCCASION OF THE
45TH ANNUAL CONVOCATION HELD 26TH February, 2015
(P.G. EXAMINATIONS, 2012)

Gold Medal

Sl.No.	Name	Subject	Examination	Position
01	Sreyasee Goswami	Bengali	M.A. (2012)	1 st class 1 st
02	Debarati Chanda	English	M.A. (2012)	1 st class 1 st
03	Manisha Chhetri	Nepali	M.A. (2012)	1 st class 1 st
04	Amrit Kaur	Economics	M.A. (2012)	1 st class 1 st
05	Madhabi Prodhan	History	M.A. (2012)	1 st class 1 st
06	Pumkit Sada	Political Science	M.A. (2012)	1 st class 1 st
07	Priyanka Karmakar	Sociology	M.A. (2012)	1 st class 1 st
08	Dipika Lama	Strategic & Area Studies	M.A. (2012)	1 st class 1 st
09	Aindrila Singha	Sanskrit	M.A. (2012)	1 st class 1 st
10	Suman Das	Philosophy	M.A. (2012)	1 st class 1 st
11	Rakhi Chaudhary	Hindi	M.A. (2012)	1 st class 1 st
12	Abhrangshu Kumar Sarkar	Commerce	M.Com. (2012)	1 st class 1 st
13	Jayashree Dey	Geography & Applied Geography	M.Sc. (2012)	1 st class 1 st
14	Gaurav Glashan	Mass Communication	M.A. (2012)	1 st class 1 st
15	Niharendu Barman	Physics	M.Sc. (2012)	1 st class 1 st
16	Biswajit Saha	Chemistry	M.Sc. (2012)	1 st class 1 st
17	Lalita Biswasarma	Mathematics	M.Sc. (2012)	1 st class 1 st
18	Poulami Chakraborty	Botany	M.Sc. (2012)	1 st class 1 st
19	Shampa Saha	Zoology	M.Sc. (2012)	1 st class 1 st
20	Suchita Agarwal Darjeeling Govt. College	Botany	M.Sc. (2012)	1 st class 1 st
21	Remona Rana Darjeeling Govt. College	Zoology	M.Sc. (2012)	1 st class 1 st
22	Dip Pandey	Anthropology	M.Sc. (2012)	1 st class 1 st
23	Sumiran Kumar Gurung	Biotechnology	M.Sc. (2012)	1 st class 1 st
24	Khusboo Lepcha	Microbiology	M.Sc. (2012)	1 st class 1 st
25	Tirthankar Ghosal		M.C.A(2012)	1 st class 1 st
26	Moumita Bose		MLIS (2012)	1 st class 1 st
27	Arka Banerjee		MBA (2012)	1 st class 1 st
28	Pratika Rai		LL.M. (2012)	1 st class 1 st

SILVER MEDAL

Sl.No.	Name	Subject	Examination	Position
29	Paromita Chakraborty	Bengali	M.A. (2012)	1 st class 2 nd
30	Soumyadip Ghosh	English	M.A. (2012)	1 st class 2 nd
31	Nita Pradhan	Nepali	M.A. (2012)	1 st class 2 nd
32	Yankey Sherpa	Economics	M.A. (2012)	1 st class 2 nd
33	Rashmi Beck	History	M.A. (2012)	1 st class 2 nd
34	Sovna Khati	Political Science	M.A. (2012)	1 st class 2 nd
35	Ananya Choudhury	Sociology	M.A. (2012)	1 st class 2 nd
36	Mohammad Gaffar	Strategic & Area Studies	M.A. (2012)	1 st class 2 nd
37	Nikhil Barman	Sanskrit	M.A. (2012)	1 st class 2 nd
38	Bishnupriya Saha	Philosophy	M.A. (2012)	1 st class 2 nd
39	Deepak Kumar Singh	Hindi	M.A. (2012)	1 st class 2 nd
40	Diyali Chattaraj	Geography & Applied Geography	M.A. (2012)	1 st class 2 nd
41	Uma Chhetri	Commerce	M.Com. (2012)	1 st class 2 nd
42	Aparna Ghosh	Physics	M.Sc. (2012)	1 st class 2 nd
43	Sankar Saha	Chemistry	M.Sc. (2012)	1 st class 2 nd
44	Debasree Chanda	Mathematics	M.Sc. (2012)	1 st class 2 nd
45	Ishita Das	Botany	M.Sc. (2012)	1 st class 2 nd
46	Bhaswati Das	Zoology	M.Sc. (2012)	1 st class 2 nd
47	Arpana Chhetri Darjeeling Govt. College	Botany	M.Sc. (2012)	1 st class 2 nd
48	Tahreem Kauser Darjeeling Govt. College	Zoology	M.Sc. (2012)	1 st class 2 nd
49	Baby Khatun	Anthropology	M.Sc. (2012)	1 st class 2 nd
50	Raja Dey Sarkar	Biotechnology	M.Sc. (2012)	1 st class 2 nd
51	Upashna Chettri	Microbiology	M.Sc. (2012)	1 st class 2 nd
52	Hena Jamal		M.C.A(2012)	1 st class 2 nd
53	Sarbada Pradhan		MLIS (2012)	1 st class 2 nd
54	Pooja Singh		MBA (2012)	1 st class 2 nd
55	Ruth Preya Khaiba		LL.M. (2012)	1 st class 2 nd
56	Paromita Sarkar	Mass Communication	M.A. (2012)	1 st class 2 nd

ENDOWMENT MEDAL/PRIZE (P.G. EXAMINATIONS 2012)

Sl.No.	Name of the Medal	Name of the candidate and position	Donor
57	Late Ananga R. Sengupta Memorial Medal (15 gm. Silver)	Kiran Thapa Highest marks in P.G.D.T.M., 2013	Prof. P.R. Sengupta
58	Abaninath Bhattacharya Medal (15 gm. Silver)	Debarati Chanda 1 st class 1 st M.A. (English),2012	Late Anandamay Bhattacharya
59	Tarulata Mitra Memorial Medal (35 gm. Silver with gold plating)	Debarati Chanda 1 st class 1 st M.A. (English),2012	Sri Prasanta Kr. Mitra
60	Mukutmani Medal (15 gm. Silver)	Amrit Kaur 1 st class 1 st M.A. (Economics),2012	Late Kalipada Mukutmani
61	Surojmohini Debi Medal (Metal)	Madhabi Prodhan 1 st class 1 st M.A. (History),2012	Sri Nripen Baksi
62	Sulata Datta Memorial Prize	Sreyasee Goswami 1 st class 1 st M.A. (Bengali),2012	Sri M.B. Datta
63	Birendra Chandra Chatterjee Smriti Puraskar (15 gm. Silver)	Pumkit Sada 1 st class 1 st M.A. (Pol. Science),2012	Sri Krishna Chandra Chatterjee
64	Thakur Panchanan Burma Memorial Medal (35 gm. Silver with gold plating)	Priyanka Karmakar 1 st class 1 st M.A. (Sociology),2012	Panchanan Smarak Samiti
65	Dr. Parasmani Pradhan Memorial Medal (35 gm. Silver with gold plating)	Manisha Chhetri 1 st class 1 st M.A. (Nepali),2012	Sri Indramani Pradhan
66	Late K.C. Dev Prize	Abhrangshu Kumar Sarkar 1 st class 1 st M.Com., 2012	Prof. K. Dev
67	Late Sudhir Ch. Chakraborty Memorial Medal (15 gm. Silver)	Abhrangshu Kumar Sarkar 1 st class 1 st M.Com., 2012	Late Sova Rani Chakraborty
68	Surendranath Bhattacharya Medal (Metal)	Biswajit Saha 1 st class 1 st M.Sc. (Chemistry),2012	Late Anandamay Bhattacharya
69	Tariniprosad Roy Medal (Metal)	Niharendu Barman 1 st class 1 st M.Sc. (Physics), 2012	Late S.P. Roy
70	Late Sudhir Ch. Chakraborty Memorial Medal	Niharendu Barman 1 st class 1 st	Late Sova Rani Chakraborty

	(35 gm. Silver with gold plating)	M.Sc. (Physics), 2012	
71	Kiran Ch. Bhattachary Medal (15 gm. Silver)	Lalita Biswasarma 1 st class 1 st M.Sc. (Mathematics),2012	Late Kanti Ch. Bhattacharya
72	Late Sourav Bhattacharya Memorial Prize	Tirthankar Ghosal 1 st class 1 st (M.C.A.),2012	Sri Pulak Bhattacharya
73	Jindal Jubilee Gold Medal (35 gm. Silver with gold plating)	Tirthankar Ghosal 1 st class 1 st (M.C.A.),2012	Jindal Aluminium Ltd.
74	Medal (35 gm. Silver with gold plating)	Lalita Biswasarma Obtained highest marks in the Faculty of Science,2012	NBU Alumni Association
75	Bidhuranjan Adhikary Memorial Medal (15 gm. Silver)	Jayashree Dey 1 st class 1 st M.A. (Geography & Appl. Geo.), 2012	Smt. Sumita Adhikary
76	Scholarship	Amrit Kaur Obtained highest marks in (1 st & 2 nd Semester Combined) Economics,2012	Prof. Bhaskar Dutta
77	Medal (35 gm. Silver with gold plating)	Abhrangshu Kumar Sarkar Obtained highest marks Faculty of Arts, Commerce & Law, 2012	NBU Alumni Association

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Gold Medal

Sl.No.	Name	Subject	Examination	Position
01	Sukanya De	Physics	B.Sc. (Hons.) 2013	1 st class 1 st
02	Kaushik Dey	Chemistry	B.Sc. (Hons.) 2013	1 st class 1 st
03	Ayan Chanda	Mathematics	B.Sc. (Hons.) 2013	1 st class 1 st
04	Mridushree Basak	Botany	B.Sc. (Hons.) 2013	1 st class 1 st
05	Kamalika Roy	Zoology	B.Sc. (Hons.) 2013	1 st class 1 st
06	Suravi Mukherjee	Physiology	B.Sc. (Hons.) 2013	1 st class 1 st
07	Anindita Kundu	Computer Science	B.Sc. (Hons.) 2013	1 st class 1 st
08	Dibyendu Paul	Microbiology	B.Sc. (Hons.) 2013	1 st class 1 st
09	Arghya Singh	English	B.A. (Hons.) 2013	1 st class 1 st
10	Shrijana Chhetri	Nepali	B.A. (Hons.) 2013	1 st class 1 st
11	Nitu Gupta	Hindi	B.A. (Hons.) 2013	1 st class 1 st
12	Anamika Sarkar	Sanskrit	B.A. (Hons.) 2013	1 st class 1 st
13	Rebika Pradhan	Political Science	B.A. (Hons.) 2013	1 st class 1 st
14	Hrishabh Jaiswal	Economics	B.A. (Hons.) 2013	1 st class 1 st
15	Koyel Das	Geography	B.A. (Hons.) 2013	1 st class 1 st
16	Paromita Bardhan	Philosophy	B.A. (Hons.) 2013	1 st class 1 st
17	Rukmani Sharma	Sociology	B.A. (Hons.) 2013	1 st class 1 st
18	Kajal Dey	Education	B.A. (Hons.) 2013	1 st class 1 st
19	Shaloo Tiwari	Mass Comm. &	B.A. (Hons.) 2013	1 st class 1 st

		Journalism		
20	Md. Ghulam Rabbani	Urdu	B.A. (Hons.) 2013	1 st class 1 st
21	Ritu Mittal	Accounting	B.Com. (Hons.),2013	1 st class 1 st
22	Kuljeet Kaur	Management	B.Com. (Hons.) 2013	1 st class 1 st
23	Abhimanyu Singh		B.A. LL.B. (Hons.) 2013	1 st class 1 st

SILVER MEDAL

24	Dichen Lhamu Bhutia		LL.B (3 yrs.) 2013	1 st Class 1 st
25	Anirban Chanda	Physics	B.Sc. (Hons.) 2013	1 st class 2 nd
26	Suchandra Bhattacharya	Chemistry	B.Sc. (Hons.) 2013	1 st class 2 nd
27	Gopan Saha	Mathematics	B.Sc. (Hons.) 2013	1 st class 2 nd
28	Upashana Ghissing	Botany	B.Sc. (Hons.) 2013	1 st class 2 nd
29	Poulami Chatterjee	Zoology	B.Sc. (Hons.) 2013	1 st class 2 nd
30	Rishav Upadhyay	Computer Science	B.Sc. (Hons.) 2013	1 st class 2 nd
31	Subhajit Sen	Microbiology	B.Sc. (Hons.) 2013	1 st class 2 nd
32	Monolina Saha	Microbiology	B.Sc. (Hons.) 2013	1 st class 2 nd
33	Priyanka Lepcha	Physiology	B.Sc. (Hons.) 2013	1 st class 2 nd
34	Ruchika Gupta	Accounting	B.Com. (Hons.) 2013	1 st class 2 nd
35	Rumi Paul Chowdhury	Management	B.Com. (Hons.) 2013	1 st class 2 nd
36	Subrata Das	Bengali	B.A. (Hons.) 2013	2 nd class 1 st
37	Debangana Roy	English	B.A. (Hons.) 2013	1 st class 2 nd
38	Buddha Subba	Nepali	B.A. (Hons.) 2013	1 st class 2 nd
39	Brajesh Kumar Choudhary	Hindi	B.A. (Hons.) 2013	2 nd class 1 st

40	Kamal Kumar Roy	Sanskrit	B.A. (Hons.) 2013	1 st class 2 nd
41	Peali Dhar	History	B.A. (Hons.) 2013	2 nd class 1 st
42	Dipsika Gadai	Political Science	B.A. (Hons.) 2013	1 st class 2 nd
43	Kishan Agarwalla	Economics	B.A. (Hons.) 2013	1 st class 2 nd
44	Pritha Datta	Geography	B.A. (Hons.) 2013	1 st class 2 nd
45	Jayanta Barman	Philosophy	B.A. (Hons.) 2013	1 st class 2 nd
46	Rina Saha	Sociology	B.A. (Hons.) 2013	2 nd class 1 st
47	Shibai Ghosh	Education	B.A. (Hons.) 2013	1 st class 2 nd
48	Rejjak Ali	Education	B.A. (Hons.) 2013	1 st class 2 nd
49	Rakhi Mishra	Mass Comm. & Journalism	B.A. (Hons.) 2013	1 st class 2 nd
50	Taj Begum	Urdu	B.A. (Hons.) 2013	2 nd class 1 st
51	Rakesh Sharma		B.A. LL.B. (Hons.) 2013	1 st class 2 nd
52	Aklima Khatun		B.A. General (2013)	1 st class 1 st
53	Pooja Gaur		B.Com. General (2013)	1 st class 1 st
54	Kunal Roy		B.Sc. General (2013)	1 st class 1 st
55	Karma Namgyal Denzongpa		BA. LLB (2012)	2 nd class 1 st
	University Bronze Medal			
56	Ruchita Saha		B.Ed. (2013)	1 st class 1 st
57	Soumyashree Chakraborty		B.Ed. (2013)	1 st class 1 st
58	Bulti Roy		Physical Education, 2013	1 st class 1 st

ENDOWMENT MEDAL/PRIZE (U.G. EXAMINATIONS 2013)

Sl. No.	Name of the Medal	Name of the candidate and position	Donor
58(A)	Tarapada Banerjee Medal (Metal)	Arghya Singh 1 st class 1 st B.A. (Hons.)(English),2013	Late Tarapada Banerjee
59	Kartick Ch. Maiti Memorial Medal (35 gm. Silver with gold plating)	Debangana Roy Securing second highest marks in B.A. (Hons.) in English, 2013	Dr. Kartick Ch. Maiti
60	Bisweswari Devi Medal Metal	Anamika Sarkar 1 st class 1 st B.A. (Hons.)(Sanskrit), 2013	Sri Nripen Baksi
61	Book Prize	Ritu Mittal 1 st class 1 st B.Com. (Hons.)(Accounting), 2013	Institute of Chartered Accountants of India
62	Book Prize	Kuljeet Kaur 1 st class 1 st B.Com. (Hons.)(Management), 2013	Institute of Chartered Accountants of India
63	Late Premada Devi Medal (Metal)	Ritu Mittal 1 st class 1 st B.Com. (Hons.)(Accounting), 2013	Prof. K. Dev
64	Late Premada Devi Medal (Metal)	Kuljeet Kaur 1 st class 1 st B.Com. (Hons.)(Management), 2013	Prof. K. Dev
65	Dr. Abul Kasem Memorial Medal (35 gm. Silver with gold plating)	Paromita Bardhan 1 st class 1 st B.A. (Hons.)(Philosophy), 2013	Dr. Hasna Hana Begum
66	Bibhutibhusan Ghosh Memorial Medal (35 gm. Silver with gold plating)	Karma Namgyal Denzongpa 1 st position in BA LLB (Part-V, 2012)	Smt. Ruma Ghosh
67	P.K. Sengupta Memorial Gold Medal (05 gm. Gold Medal)	Karma Namgyal Denzongpa Highest marks in BA LLB. (Part-V, 2012)	Smt. Jayasree Sengupta
68	Narmada Devi Memorial Gold Medal (05 gold Medal)	Kajal Dey Securing highest marks in B.A. (Hons.) examination including all subjects, 2013	Smt. Jayasree Sengupta
69	Jyotsnamayee Medal	Aklima Khatun Highest marks among the girls.	Late Tarapada Banerjee

	(Metal)	student in B.A. General Course, 2013	
70	Jyotsnamayee Medal (Metal)	Debasmita Ghorai Highest marks among the girls student in B.Sc. General Course, 2013	Late Tarapada Banerjee
71	Late Dibish Ch. Ray Memorial Medal (35 gm. Silver with gold plating)	Karma Namgyal Denzongpa 1 st position in BA.LLB (Part-V, 2012)	Smt. Bharati Ray
72	Parul Prabha Mukherjee & Sri Haridas Mukherjee Memorial Medal (35 gm. Silver with gold plating)	Rebika Pradhan 1 st class 1 st B.A. (Hons.) (Political Science), 2013	Prof. Saktidas Mukherjee
73	Gold Medal (10 gm. Gold medal)	Rakesh Sharma 1 st class 2 nd B.A. LL.B. (Hons.), 2013	Janpath Samachar

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Gold Medal

Sl.No.	Name	Subject	Examination	Position
01	Moumita Das	Bengali	M.A. (2013)	1 st class 1 st
02	Subashish Bhattacharjee	English	M.A. (2013)	1 st class 1 st
03	Narayan Sharma	Nepali	M.A. (2013)	1 st class 1 st
04	Subhadip Dey	Economics	M.A. (2013)	1 st class 1 st
05	Priyanka Thapa	History	M.A. (2013)	1 st class 1 st
06	Passang Doma Bhutia	Political Science	M.A. (2013)	1 st class 1 st
07	Niyati Rekha Sharma	Sociology	M.A. (2013)	1 st class 1 st
08	Rumki Sutradhar	Sanskrit	M.A. (2013)	1 st class 1 st
09	Kabita Roy	Philosophy	M.A. (2013)	1 st class 1 st
10	Minu Sharma	Hindi	M.A. (2013)	1 st class 1 st
11	Payel Halder	Commerce	M.Com. (2013)	1 st class 1 st
12	Debarshi Ghosh	Geography & Applied Geography	M.A. (2013)	1 st class 1 st
13	Varsha Byahut	Mass Communication	M.A. (2013)	1 st class 1 st
14	Monalisa Das	Rural Development	M.A. (2013)	1 st class 1 st
15	Barnali Barman	Physics	M.Sc. (2013)	1 st class 1 st
16	Mouli Konar	Chemistry	M.Sc. (2013)	1 st class 1 st
17	Nabanita Saha	Mathematics	M.Sc. (2013)	1 st class 1 st
18	Jayanwita Sarkar	Botany	M.Sc. (2013)	1 st class 1 st
19	Vaskar Das	Zoology	M.Sc. (2013)	1 st class 1 st
20	Martina Rai Darjeeling Govt. College	Botany	M.Sc. (2013)	1 st class 1 st
21	Tamanna Karwa Darjeeling Govt. College	Zoology	M.Sc. (2013)	1 st class 1 st
22	Manisha Thapa	Anthropology	M.Sc. (2013)	1 st class 1 st
23	Pranita Mukhia	Computer Science	M.Sc. (2013)	1 st class 1 st
24	Puja Sikder	Biotechnology	M.Sc. (2013)	1 st class 1 st
25	Nischal Sharma	Microbiology	M.Sc. (2013)	1 st class 1 st

26	Rupeswari Bandopadhyay		M.C.A(2013)	1 st class 1 st
27	Dipanwita Mandal		MLIS (2013)	1 st class 1 st
28	Tanaya Guha		MBA (2013)	1 st class 1 st
29	Shruti Kejriwal		LL.M. (2013)	1 st class 1 st
30	Prashanta Sarkar	Strategic & Area Studies	M.A. (2013)	1 st class 1 st

University Medal (Silver)

Sl.No.	Name	Subject	Examination	Position
30(a)	Namrata Rai	Strategic & Area Studies	M.A. (2013)	2 nd class 1 st
31	Priyanka Paul Chowdhury	Bengali	M.A. (2013)	1 st class 2 nd
32	Kaushani Mondal	English	M.A. (2013)	1 st class 2 nd
33	Bhushan Pradhan	Nepali	M.A. (2013)	1 st class 2 nd
34	Archana Tamang	Economics	M.A. (2013)	1 st class 2 nd
35	Topgyal Zimba	History	M.A. (2013)	1 st class 2 nd
36	Yasoda Pradhan	Political Science	M.A. (2013)	1 st class 2 nd
37	Sweta Mukhia	Sociology	M.A. (2013)	1 st class 2 nd
38	Sangita Das	Sanskrit	M.A. (2013)	1 st class 2 nd
39	Rituparna Paul	Philosophy	M.A. (2013)	1 st class 2 nd
40	Tanay Kumar Nandy	Hindi	M.A. (2013)	1 st class 2 nd
41	Puja Pradhan	Commerce	M.Com. (2013)	1 st class 2 nd
42	Rumpa Pramanik	Geography & Applied Geography	M.A. (2013)	1 st class 2 nd
43	Ashwinee Subba	Mass Communication	M.A. (2013)	1 st class 2 nd
44	Debashree Paul	Rural Development	M.A. (2013)	1 st class 2 nd
45	Subrata Kundu	Physics	M.Sc. (2013)	1 st class 2 nd
46	Susmita Biswas	Chemistry	M.Sc. (2013)	1 st class 2 nd
47	Rimjim Sen	Mathematics	M.Sc. (2013)	1 st class 2 nd
48	Ishita Biswas	Botany	M.Sc. (2013)	1 st class 2 nd
49	Poulami Ghosh	Zoology	M.Sc. (2013)	1 st class 2 nd
50	Pue Saha Darjeeling Govt. College	Botany	M.Sc. (2013)	1 st class 2 nd

51	Rubina Rai Darjeeling Govt. College	Zoology	M.Sc. (2013)	1 st class 2 nd
52	Arko Pal	Anthropology	M.Sc. (2013)	1 st class 2 nd
53	Urmila Pradhan	Computer Science	M.Sc. (2013)	1 st class 2 nd
54	Zirmire Ravindra Kailasrao	Biotechnology	M.Sc. (2013)	1 st class 2 nd
55	Anup Thapa	Microbiology	M.Sc. (2013)	1 st class 2 nd
56	Ishita Bhadra		M.C.A(2013)	1 st class 2 nd
57	Rohini Rana		MLIS (2013)	1 st class 2 nd
58	Aanabik Ghosh		MBA (2013)	1 st class 2 nd
59	Priyanka Zimba		LLM (2013)	2 nd class 1 st

ENDOWMENT MEDAL/PRIZE (P.G. EXAMINATIONS 2013)

Sl.No.	Name of the Medal	Name of the candidate and position	Donor
59(A)	Late Ananga r. Sengupta Memorial Medal (15 gm. Silver)	Arshad Salman Baig Highest marks in P.G.D.T.M., 2014	Prof. P.R. Sengupta
60	Abaninath Bhattacharya Medal (15 gm. Silver)	Subashish Bhattacharjee 1 st class 1 st M.A. (English) ,2013	Late Anandamay Bhattacharya
61	Tarulata Mitra Memorial Medal (35 gm. Silver with gold plating)	Subashish Bhattacharjee 1 st class 1 st M.A. (English) ,2013	Sri Prasanta Kr. Mitra
62	Mukutmani Medal (15 gm. Silver)	Subhadip Dey 1 st class 1 st M.A. (Economics) ,2013	Late Kalipada Mukutmani
63	Surojmohini Debi Medal (Metal)	Priyanka Thapa 1 st class 1 st M.A. (History) ,2013	Sri Nripen Baksi
64	Sulata Datta memorial Prize	Moumita Das 1 st class 1 st M.A. (Bengali) ,2013	Sri M.B. Datta
65	Birendra Chandra Chatterjee Smriti Puraskar (15 gm. Silver)	Passang Doma Bhutia 1 st class 1 st M.A. (Pol. Science) ,2013	Sri Krishna Chandra Chatterjee
66	Thakur Panchanan Burma Memorial Medal (35 gm. Silver with gold plating)	Niyati Rekha Sharma 1 st class 1 st M.A. (Sociology) ,2013	Panchanan Smarak Samiti

67	Dr. Parasmani Pradhan Memorial Medal (35 gm. Silver with gold plating)	Narayan Sharma 1 st class 1 st M.A. (Nepali), 2013	Sri Indramani Pradhan
68	Late K.C. Dev Prize	Payal Halder 1 st class 1 st M.Com., 2013	Prof. K. Dev
69	Late Sudhir Ch. Chakraborty Memorial Medal (15 gm. Silver)	Payal Halder 1 st class 1 st M.Com., 2013	Late Sova Rani Chakraborty
70	Surendranath Bhattacharya Medal (Metal)	Mouli Konar 1 st class 1 st M.Sc. (Chemistry), 2013	Late Anandamay Bhattacharya
71	Tariniprosad Roy Medal (Metal)	Barnali Barman 1 st class 1 st M.Sc. (Physics), 2013	Late S.P. Roy
72	Late Sudhir Ch. Chakraborty Memorial Medal (35 gm. Silver with gold plating)	Barnali Barman 1 st class 1 st M.Sc. (Physics), 2013	Late Sova Rani Chakraborty
73	Kiran Ch. Bhattacharya Medal (15 gm. Silver)	Nabanita Saha 1 st class 1 st M.Sc. (Mathematics), 2013	Late Kanti Ch. Bhattacharya
74	Late Sourav Bhattacharya Memorial Prize	Rupeswari Bandopadhyay 1 st class 1 st (M.C.A.), 2013	Sri Pulak Bhattacharya
75	Jindal Jubilee Gold Medal (35 gm. Silver with gold plating)	Rupeswari Bandopadhyay 1 st class 1 st (M.C.A.), 2013	Jindal Aluminium Ltd.
76	Medal (35 gm. Silver with gold plating)	Nabanita Saha Obtained highest marks in the Faculty of Science, 2013	NBU Alumni Association
77	Bidhuranjan Adhikary Memorial Medal (15 gm. Silver)	Debarshi Ghosh 1 st class 1 st M.A. (Geography & Appl. Geo.), 2013	Smt. Sumita Adhikary
78	Medal (35 gm. Silver with gold plating)	Payal Halder Obtained highest marks Faculty of Arts, Commerce & Law, 2013	NBU Alumni Association
79	Scholarship	Subhadip Dey Obtained highest marks in (1 st & 2 nd Semester Combined) Economics, 2013	Prof. Bhaskar Dutta

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Gold Medal

Sl.No.	Name	Subject	Examination	Position
1.	Pratik Ganguly	Physics	B.Sc. (Hons.) 2014	1 st class 1 st
2.	Satyajit Barman	Physics	B.Sc. (Hons.) 2014	1 st class 1 st
3.	Tanmay Kumar Sarkar	Chemistry	B.Sc. (Hons.) 2014	1 st class 1 st
4.	Mita Majumder	Mathematics	B.Sc. (Hons.) 2014	1 st class 1 st
5.	Roshni Biswas	Botany	B.Sc. (Hons.) 2014	1 st class 1 st
6.	Dipayan Ghosh	Zoology	B.Sc. (Hons.) 2014	1 st class 1 st
7.	Arpita Das	Computer Science	B.Sc. (Hons.) 2014	1 st class 1 st
8.	Rounak Chourasia	Microbiology	B.Sc. (Hons.) 2014	1 st class 1 st
9.	Sneha Mitra	Physiology	B.Sc. (Hons.) 2014	1 st class 1 st
10.	Pritha Panchanan	English	B.A. (Hons.) 2014	1 st class 1 st
11.	Renu Subba	Nepali	B.A. (Hons.) 2014	1 st class 1 st
12.	Kalpana Kumari	Hindi	B.A. (Hons.) 2014	1 st class 1 st
13.	Mina Barman	Sanskrit	B.A. (Hons.) 2014	1 st class 1 st
14.	Sreetama Bhattacharjee	Political Science	B.A. (Hons.) 2014	1 st class 1 st
15.	Pritten Sherpa	Economics	B.A. (Hons.) 2014	1 st class 1 st
16.	Anamika Roy	Geography	B.A. (Hons.) 2014	1 st class 1 st
17.	Dipu Paul	Philosophy	B.A. (Hons.) 2014	1 st class 1 st
18.	Archana Thapa	Sociology	B.A. (Hons.) 2014	1 st class 1 st
19.	Shubhajit Das	Education	B.A. (Hons.) 2014	1 st class 1 st
20.	Suchismita Paul	Accounting	B.Com. (Hons.),2014	1 st class 1 st
21.	Surja Chhetri	Management	B.Com. (Hons.) 2014	1 st class 1 st
22.	Aman Singhal		B.A. LL.B. (Hons.) 2014	1 st class 1 st

SILVER MEDAL

23.	Mayukh Mazumdar	Physics	B.Sc. (Hons.) 2014	1 st class 2 nd
24.	Abdul Shiraj	Chemistry	B.Sc. (Hons.) 2014	1 st class 2 nd
25.	Oindrila Saha	Mathematics	B.Sc. (Hons.) 2014	1 st class 2 nd
26.	Ashish Prasad	Botany	B.Sc. (Hons.) 2014	1 st class 2 nd
27.	Dipayan Karmakar	Zoology	B.Sc. (Hons.) 2014	1 st class 2 nd
28.	Shalini Das	Zoology	B.Sc. (Hons.) 2014	1 st class 2 nd
29.	Salini Majumdar	Computer Science	B.Sc. (Hons.) 2014	1 st class 2 nd
30.	Sraddhya Roy	Microbiology	B.Sc. (Hons.) 2014	1 st class 2 nd
31.	Suwarna Nadageri	Physiology	B.Sc. (Hons.) 2014	1 st class 2 nd
32.	Pappu Gupta	Accounting	B.Com. (Hons.) 2014	1 st class 2 nd
33.	Anuj Singhal	Management	B.Com. (Hons.) 2014	1 st class 2 nd
34.	Sneha Nag	Bengali	B.A. (Hons.) 2014	2 nd class 1 st
35.	Ipsita Deb	English	B.A. (Hons.) 2014	2 nd class 1 st
36.	Nawraj Chhetri	Nepali	B.A. (Hons.) 2014	2 nd class 1 st
37.	Rupa Subba	Hindi	B.A. (Hons.) 2014	1 st class 2 nd
38.	Riya Das	Sanskrit	B.A. (Hons.) 2014	1 st class 2 nd
39.	Rahul Banik	Sanskrit	B.A. (Hons.) 2014	1 st class 2 nd
40.	Agnita Pal	History	B.A. (Hons.) 2014	2 nd class 1 st
41.	Zakeeyah Shahnaz	Political Science	B.A. (Hons.) 2014	1 st class 2 nd
42.	Alice Doma Sherpa	Economics	B.A. (Hons.) 2014	1 st class 2 nd
43.	Amiya Basak	Geography	B.A. (Hons.) 2014	1 st class 2 nd
44.	Ananya Dutta	Philosophy	B.A. (Hons.) 2014	1 st class 2 nd

45.	Apabrita Bhattacharya	Philosophy	B.A. (Hons.) 2014	1 st class 2 nd
46.	Angelika Sinha	Sociology	B.A. (Hons.) 2014	1 st class 2 nd
47.	Sourav Saha	Education	B.A. (Hons.) 2014	1 st class 2 nd
48.	Ravi Bhushan Singh	Mass Comm. & Journalism	B.A. (Hons.) 2014	2 nd class 1 st
49.	Alia Begum	Urdu	B.A. (Hons.) 2014	2 nd class 1 st
50.	Nishit Ranjan Chaki		B.A. LL.B. (Hons.) 2014	1 st class 2 nd
51.	Sourav Agarwal		LL.B (3 yrs.) 2014	1 st class 1 st
52.	Azima Khatun		B.A. General (2014)	1 st class 1 st
53.	Vivek Agarwal		B.Com. General (2014)	1 st class 1 st
54.	Nurjahan Khatun		B.Sc. General (2014)	1 st class 1 st
55.	Tania Goswami		B.A. LL.B General (2014)	1 st class 1 st
56.	Debapriya Sarkar		BA LLB (2013)	2 nd class 1 st

UNIVERSITY BRONZE MEDAL

57	Marien Kujur		BLIS (2014)	1 st class 1 st
58	Diyali Chattaraj		B.Ed. (2014)	1 st class 1 st
59	Arup Ghosh		Physical Education, 2014	1 st class 1 st

ENDOWMENT MEDAL/PRIZE (U.G. EXAMINATIONS 2014)

Sl. No.	Name of the Medal	Name of the candidate and position	Donor
60	Tarapada Banerjee Medal (Metal)	Pritha Panchanan 1 st class 1 st B.A. (Hons.)(English), 2014	Late Tarapada Banerjee
61	Kartick Ch. Maiti Memorial Medal (35 gm. Silver with gold plating)	Ipsita Deb Securing second highest marks in B.A. (Hons.) in English, 2014	Dr. Kartick Ch. Maiti
62	Bisweswari Devi Medal (Metal)	Mina Barman 1 st class 1 st B.A. (Hons.)(Sanskrit), 2014	Sri Nripen Baksi
63	Book Prize	Suchismita Paul 1 st class 1 st B.Com. (Hons.)(Accounting), 2014	Institute of Chartered Accountants of India
64	Book Prize	Surja Chhetri 1 st class 1 st B.Com. (Hons.)(Management), 2014	Institute of Chartered Accountants of India
65	Late Premada Devi Medal (Metal)	Suchismita Paul 1 st class 1 st B.Com. (Hons.)(Accounting), 2014	Prof. K. Dev
66	Late Premada Devi Medal (Metal)	Surja Chhetri 1 st class 1 st B.Com. (Hons.)(Management), 2014	Prof. K. Dev
67	Dr. Abul Kasem Memorial Medal (35 gm. Silver with gold plating)	Dipu Paul 1 st class 1 st B.A. (Hons.)(Philosophy), 2014	Dr. Hasna Hana Begum
68	Bibhutibhusan Ghosh Memorial Medal (35 gm. Silver with gold plating)	Debapriya Sarkar 1 st position in BA. LLB (Part-V, 2013)	Smt. Ruma Ghosh
69	Late Dr. Ajoy Ranjan Chakraborty Memorial Prize	Marien Kujur 1 st position in B.L.I.S., 2014	Smt. Krishna Chakraborty
70	P.K. Sengupta Memorial Gold Medal (05 gm. Gold Medal)	Debapriya Sarkar Highest marks in BA. LLB. (Part-V, 2013)	Smt. Jayasree Sengupta

71	Narmada Devi Memorial Gold Medal (05 gold Medal)	Mina Barman Securing highest marks in B.A. (Hons.) examination including all subjects, 2014	Smt. Jayasree Sengupta
72	Jyotsnamayee Medal (Metal)	Azima Khatun Highest marks among the girls student in B.A. General Course, 2014	Late Tarapada Banerjee
73	Jyotsnamayee Medal (Metal)	Nurjahan Khatun Highest marks among the girls student in B.Sc. General Course, 2014	Late Tarapada Banerjee
74	Late Dibish Ch. Ray Memorial Medal (35 gm. Silver with gold plating)	Debapriya Sarkar 1 st position in BA. LLB (Part-V, 2013)	Smt. Bharati Ray
75	Parul Prabha Mukherjee & Sri Haridas Mukherjee Memorial Medal (35 gm. Silver with gold plating)	Sreetama Bhattacharjee 1 st class 1 st B.A. (Hons.) (Political Science), 2014	Prof. Saktidas Mukherjee
76	Gold Medal (10 gm. Gold medal)	Nishit Ranjan Chaki 1 st class 2 nd B.A. LL.B. (Hons.), 2014	Janpath Samachar

UNIVERSITY OF NORTH BENGAL
AWARDS OF MEDALS ON THE OCCASION OF THE
45TH ANNUAL CONVOCATION HELD 26TH February, 2015
(P.G. EXAMINATIONS, 2014)

Gold Medal

Sl.No.	Name	Subject	Examination	Position
01	Dipmala Basak	Bengali	M.A. (2014)	1 st class 1 st
02	Nabina Thapa	Nepali	M.A. (2014)	1 st class 1 st
03	Sanjiv Jha	Economics	M.A. (2014)	1 st class 1 st
04	Pinky Bhowmik	History	M.A. (2014)	1 st class 1 st
05	Smriti Ghatani	Political Science	M.A. (2014)	1 st class 1 st
06	Sandeepan Das	Sociology	M.A. (2014)	1 st class 1 st
07	Srinwanti Dey	Strategic & Area Studies	M.A. (2014)	1 st class 1 st
08	Runa Debnath Sarkar	Sanskrit	M.A. (2014)	1 st class 1 st
09	Reshmee Sarkar	Philosophy	M.A. (2014)	1 st class 1 st
10	Gulnaz Begam	Hindi	M.A. (2014)	1 st class 1 st
11	Nagesh Rai	Commerce	M.Com. (2014)	1 st class 1 st
12	Silpa Das	Geography & Applied Geography	M.A. (2014)	1 st class 1 st
13	Dipanwita Sengupta	Mass Communication	M.A. (2014)	1 st class 1 st
14	Malini Dutta	Rural Development	M.A. (2014)	1 st class 1 st
15	Trinakhi Roy	Physics	M.Sc. (2014)	1 st class 1 st
16	Biswajit Saha	Chemistry	M.Sc. (2014)	1 st class 1 st
17	Naurin Mandal	Mathematics	M.Sc. (2014)	1 st class 1 st
18	Dipayan Das	Botany	M.Sc. (2014)	1 st class 1 st
19	Rituparna Bose	Zoology	M.Sc. (2014)	1 st class 1 st
20	Satabdi Kundu	Anthropology	M.Sc. (2014)	1 st class 1 st
21	Shiny Paul Chowdhury	Computer Science	M.Sc. (2014)	1 st class 1 st
22	Swagata Mukhopadhyay	Biotechnology	M.Sc. (2014)	1 st class 1 st
23	Smriti Pradhan	Microbiology	M.Sc. (2014)	1 st class 1 st
24	Rajashri Acharyya		M.C.A(2014)	1 st class 1 st
25	Pradiptamay Saha		MBA (2014)	1 st class 1 st
26	Anirban Bhattacharjee		LL.M. (2014)	1 st class 1 st
27	Priyanka Banerjee	Tea Science	M.Sc. (2014)	1 st class 1 st

P.G. EXAMINATIONS 2014

SILVER MEDAL

Sl.No.	Name	Subject	Examination	Position
28	Maniklal Saha	Bengali	M.A. (2014)	1 st class 2 nd
29	Rupsita Das	English	M.A. (2014)	2 nd class 1 st
30	Biren Manger	Nepali	M.A. (2014)	1 st class 2 nd
31	Bishal Rai	Economics	M.A. (2014)	1 st class 2 nd
32	Rewaz Gurung	History	M.A. (2014)	1 st class 2 nd
33	Manisha Sharma	Political Science	M.A. (2014)	1 st class 2 nd
34	Manojit Paul	Sociology	M.A. (2014)	2 nd class 1 st
35	Salma Ekka	Strategic and Area Studies	M.A. (2014)	2 nd class 1 st
36	Tanima Chakraborty	Sanskrit	M.A. (2014)	1 st class 2 nd
37	Priyanka Basak	Philosophy	M.A. (2014)	1 st class 2 nd
38	Seema Chakraborty	Hindi	M.A. (2014)	1 st class 2 nd
39	Prabir Tarafder	Commerce	M.Com. (2014)	1 st class 2 nd
40	Dipankar Das	Geography & Applied Geography	M.A. (2014)	1 st class 2 nd
41	Pratistha Pradhan	Mass Communication	M.A. (2014)	1 st class 2 nd
42	Passang Doma Tamang	Rural Development	M.A. (2014)	1 st class 2 nd
43	Tanmoy Basak	Physics	M.Sc. (2014)	1 st class 2 nd
44	Abhishek Saha	Chemistry	M.Sc. (2014)	1 st class 2 nd
45	Sarmila Bhowmik	Mathematics	M.Sc. (2014)	1 st class 2 nd
46	Payel Paul	Botany	M.Sc. (2014)	1 st class 2 nd
47	Minu Bharati	Zoology	M.Sc. (2014)	1 st class 2 nd
48	Anindita Adhikary	Anthropology	M.Sc. (2014)	1 st class 2 nd
49	Srima Sen	Computer Science	M.Sc. (2014)	1 st class 2 nd
50	Sourav Majumdar	Biotechnology	M.Sc. (2014)	1 st class 2 nd
51	Swarnab Sengupta	Microbiology	M.Sc. (2014)	1 st class 2 nd
52	Priyanka Gupta		M.C.A(2014)	1 st class 2 nd
53	Santanu Roy		MBA (2014)	1 st class 2 nd
54	Souradeep Rakshit		LL.M. (2014)	1 st class 2 nd
55	Siddhartha Hazra	Tea Science	M.Sc. (2104)	1 st class 2 nd

ENDOWMENT MEDAL/PRIZE (P.G. EXAMINATIONS 2014)

Sl.No.	Name of the Medal	Name of the candidate and position	Donor
56	Mukutmani Medal (15 gm. Silver)	Sanjiv Jha 1 st class 1 st M.A. (Economics) ,2014	Late Kalipada Mukutmani
57	Surojmohini Debi Medal (Metal)	Pinky Bhowmik 1 st class 1 st M.A. (History) ,2014	Sri Nripen Baksi
58	Sulata Datta memorial Prize	Dipmala Basak 1 st class 1 st M.A. (Bengali) ,2014	Sri M.B. Datta
59	Birendra Chandra Chatterjee Smriti Puraskar (15 gm. Silver)	Smriti Ghatani 1 st class 1 st M.A. (Pol. Science) ,2014	Sri Krishna Chandra Chatterjee
60	Thakur Panchanan Burma Memorial Medal (35 gm. Silver with gold plating)	Sandeepan Das 1 st class 1 st M.A. (Sociology) ,2014	Panchanan Smarak Samiti
61	Dr. Parasmani Pradhan Memorial Medal (35 gm. Silver with gold plating)	Nabina Thapa 1 st class 1 st M.A. (Nepali) ,2014	Sri Indramani Pradhan
62	Late K.C. Dev Prize	Nagesh Rai 1 st class 1 st M.Com. ,2014	Prof. K. Dev
63	Late Sudhir Ch. Chakraborty Memorial Medal (15 gm. Silver)	Nagesh Rai 1 st class 1 st M.Com. ,2014	Late Sova Rani Chakraborty
64	Surendranath Bhattacharya Medal (Metal)	Biswajit Saha 1 st class 1 st M.Sc. (Chemistry) ,2014	Late Anandamay Bhattacharya
65	Tariniprosad Roy Medal (Metal)	Trinakhi Roy 1 st class 1 st M.Sc. (Physics) ,2014	Late S.P. Roy
66	Late Sudhir Ch. Chakraborty Memorial Medal (35 gm. Silver with gold plating)	Trinakhi Roy 1 st class 1 st M.Sc. (Physics) ,2014	Late Sova Rani Chakraborty
67	Kiran Ch. Bhattachary Medal (15 gm. Silver)	Naurin Mandal 1 st class 1 st M.Sc. (Mathematics) ,2014	Late Kanti Ch. Bhattacharya

68	Late Sourav Bhattacharya Memorial Prize	Rajashri Acharyya 1 st class 1 st (M.C.A.) ,2014	Sri Pulak Bhattacharya
69	Jindal Jubilee Gold Medal (35 gm. Silver with gold plating)	Rajashri Acharyya 1 st class 1 st (M.C.A.) ,2014	Jindal Aluminium Ltd.
70	Medal (35 gm. Silver with gold plating)	Naurin Mandal Obtained highest marks in the Faculty of Science,2014	NBU Alumni Association
71	Bidhuranjan Adhikary Memorial Medal (15 gm. Silver)	Silpa Das 1 st class 1 st M.A. (Geography & Appl. Geo.) ,2014	Smt. Sumita Adhikary
72	Medal (35 gm. Silver with gold plating)	Nagesh Rai Obtained highest marks Faculty of Arts, Commerce & Law, 2014	NBU Alumni Association
73	Scholarship	Bishal Rai Obtained highest marks in (1 st & 2 nd Semester Combined) Economics,2014	Prof. Bhaskar Dutta

CHAPTER - XIII
AFFILIATED COLLEGES

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Affiliated Colleges

Sl. No.	Details	Numbers/Names, Remarks
1.	Total number and name of colleges affiliated to the University of North Bengal	71 (Annexure -1)
2.	Total number of teachers in the affiliated colleges college wise	(Annexure -2)
3.	Name of the new colleges for the academic session 2014-15	<ol style="list-style-type: none"> 1. NBS College of Education 2. Pragati College of Education 3. Govt. General Degree College (Hindi Medium)
4.	Number and name of the constituent colleges	<ol style="list-style-type: none"> 1. Raiganj University College 2. A.C. College 3. Darjeeling Govt. College 4. St. Joseph's College 5. A.B.N. Seal College
5.	Total number of teachers in constituent colleges college-wise	<ol style="list-style-type: none"> 1. Raiganj University College-54 2. A.C. College-78 3. Darjeeling Govt. College-105 4. St. Joseph's College-83 5. A.B.N. Seal College-87
6.	Number and name of the total Non-government colleges (including minority college and private colleges)	66 (Annexure 3)
7.	Number and name of the total B.Ed. colleges	<ol style="list-style-type: none"> a) Govt.-aided colleges <ol style="list-style-type: none"> 1. S.R.B.T. College 2. Siliguri B.Ed.College 3. A.C.Training College 4. University B.T.& Evening College b) Self-financed Colleges <ol style="list-style-type: none"> 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.	Number and name of the total B.P.Ed colleges	1. Govt. College of Physical Education for Women 2. Model B.P.Ed. College
9.	All Law colleges affiliated to the University of North Bengal including department of law, NBU	1. Jalpaiguri Law College 2. Indian Institute of Legal Studies 3. Department of Law, NBU
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	1. University B.T. & Evening College-33 2. Raiganj University college-55
12.	Total enrolment, Graduate level all courses	UG- 116653 (Annexure 4)
13.	Percentage of SC/ST/OBC/BC/PWD, minorities	SC=36.5%, ST=7.5%
14.	Number and name of the total autonomous colleges	Nil

Total name of colleges affiliated to the University of North Bengal

Sl. no.	Name of the Colleges
1.	Darjeeling Government College
2.	Kalimpong College
3.	Bijanbari Degree College
4.	Kurseong College
5.	St. Joseph's College
6.	Cluny Women's College
7.	South Field College
8.	Siliguri College
9.	SRBT College
10.	Siliguri College of Commerce
11.	Salesian College
12.	Siliguri Mahila Maha vidyalaya
13.	Sonada Degree College
14.	Siliguri B.Ed. College
15.	K.P. Ghosh Tarai Mahavidyalaya
16.	Surya Sen Mahavidyalaya
17.	Mirik Degree College
18.	Ghoom Jorebunglow Degree College
19.	Gyanjyoti College
20.	Nakshalbari College
21.	Vidyasagar College of Education
22.	Munshi Premchand Mahavidyalaya
23.	A.P.C. Roy Govt. College
24.	Indian Institute of Legal Studies
25.	Ananda Chandra College
26.	Ananda Chandra College of Commerce
27.	Ananda Chandra Training College
28.	P.D. Women's College
29.	Birpara College
30.	Jalpaiguri Law College
31.	Falakata College
32.	Alipurduar College
33.	PMS Mahavidyalaya
34.	Sukanta Mahavidyalaya
35.	Vivekananda College
36.	Saheed Kshudiram College
37.	Nani Bhattacharjee S. Mahavidyalaya
38.	Maynaguri College
39.	N.B. St. Xavier's College

40.	Alipurduar Mahila Mahavidyalaya
41.	Model B.P.Ed. College
42.	Rajganj College
43.	Samuktala Sidhu Kanhu College
44.	ABN Seal College
45.	Mathabhanga College
46.	Coochbehar College
47.	Tufanganj Mahavidyalaya
48.	University B.T. & Evening College
49.	Netaji Subhas Mahavidyalaya
50.	Thakur P. Mahila Mahavidyalaya
51.	Mekliganj College
52.	Dinhata College
53.	Sitalkuchi College
54.	Govt. College of Physical Education
55.	Coochbehar B.Ed. Training College
56.	Baxirhat Mahavidyalaya
57.	Dewanhat Mahavidyalaya
58.	Baneswar Sarathibala Mahavidyalaya
59.	Ghoksadanga Birendra Mahavidyalaya
60.	Madhusudan Hore Mahavidyalaya
61.	Islampur College
62.	Raiganj University College
63.	Kabiguru Rabindranath College of Education
64.	Alipurduar B.Ed. Training College
65.	Chopra Kamala Paul Smriti Mahavidyalaya
66.	Dhupguri Girls' College
67.	Lilabati Mahavidyalaya
68.	Dhupguri College of Education
69.	N.B.S. College of Education
70.	Pragati College of Education
71.	Govt. General Degree College (Hindi Medium)

Total number of teachers in the affiliated colleges college wise

Sl. no.	Name of the Colleges	Total number of Teachers
1.	Darjeeling Government College	105
2.	Kalimpong College	52
3.	Bijanbari Degree College	04
4.	Kurseong College	48
5.	St. Joseph's College	83
6.	Cluny Women's College	25
7.	South Field College	35
8.	Siliguri College	78
9.	SRBT College	10
10.	Siliguri College of Commerce	20
11.	Salesian College	34
12.	Siliguri Mahila Maha vidyalaya	19
13.	Sonada Degree College	16
14.	Siliguri B.Ed. College	08
15.	K.P. Ghosh Tarai Mahavidyalaya	45
16.	Surya Sen Mahavidyalaya	38
17.	Mirik Degree College	18
18.	Ghoom Jorebunglow Degree College	25
19.	Gyanjyoti College	32
20.	Nakshalbari College	19
21.	Vidyasagar College of Education	11
22.	Munshi Premchand Mahavidyalaya	19
23.	A.P.C. Roy Govt. College	51
24.	Indian Institute of Legal Studies	14
25.	Ananda Chandra College	78
26.	Ananda Chandra College of Commerce	09
27.	Ananda Chandra Training College	108
28.	P.D. Women's College	48
29.	Birpara College	17
30.	Jalpaiguri Law College	12
31.	Falakata College	28
32.	Alipurduar College	49
33.	PMS Mahavidyalaya	29
34.	Sukanta Mahavidyalaya	37
35.	Vivekananda College	23
36.	Saheed Kshudiram College	32
37.	Nani Bhattacharjee S. Mahavidyalaya	12
38.	Maynaguri College	24
39.	N.B. St. Xavier's College	48

40.	Alipurduar Mahila Mahavidyalaya	13
41.	Model B.P.Ed. College	05
42.	Rajganj College	13
43.	Samuktala Sidhu Kanhu College	10
44.	ABN Seal College	87
45.	Mathabhanga College	36
46.	Coochbehar College	43
47.	Tufanganj Mahavidyalaya	38
48.	University B.T. & Evening College	33
49.	Netaji Subhas Mahavidyalaya	35
50.	Thakur P. Mahila Mahavidyalaya	27
51.	Mekliganj College	24
52.	Dinhata College	39
53.	Sitalkuchi College	23
54.	Govt. College of Physical Education	05
55.	Coochbehar B.Ed. Training College	08
56.	Baxirhat Mahavidyalaya	28
57.	Dewanhat Mahavidyalaya	18
58.	Baneswar Sarathibala Mahavidyalaya	05
59.	Ghoksadanga Birendra Mahavidyalaya	08
60.	Madhusudan Hore Mahavidyalaya	12
61.	Islampur College	34
62.	Raiganj University College	54
63.	Kabiguru Rabindranath College of Education	07
64.	Alipurduar B.Ed. Training College	07
65.	Chopra Kamala Paul Smriti Mahavidyalaya	06
66.	Dhupguri Girls' College	05
67.	Lilabati Mahavidyalaya	06
68.	Dhupguri College of Education	07
69.	N.B.S. College of Education	08
70.	Pragati College of Education	08
71.	Govt. General Degree College (Hindi Medium)	07

Number and name of the total Non-government colleges (including Minority College and Private Colleges)

Sl. no.	Name of the Colleges
1.	Kalimpong College
2.	Bijanbari Degree College
3.	Kurseong College
4.	St. Joseph's College
5.	Cluny Women's College
6.	South Field College
7.	Siliguri College
8.	SRBT College
9.	Siliguri College of Commerce
10.	Salesian College
11.	Siliguri Mahila Maha vidyalaya
12.	Sonada Degree College
13.	Siliguri B.Ed. College
14.	K.P. Ghosh Tarai Mahavidyalaya
15.	Surya Sen Mahavidyalaya
16.	Mirik Degree College
17.	Ghoom Jorebunglow Degree College
18.	Gyanjyoti College
19.	Nakshalbari College
20.	Vidyasagar College of Education
21.	Munshi Premchand Mahavidyalaya
22.	Indian Institute of Legal Studies
23.	Ananda Chandra College
24.	Ananda Chandra College of Commerce
25.	Ananda Chandra Training College
26.	P.D. Women's College
27.	Birpara College
28.	Jalpaiguri Law College
29.	Falakata College
30.	Alipurduar College
31.	PMS Mahavidyalaya
32.	Sukanta Mahavidyalaya
33.	Vivekananda College
34.	Saheed Kshudiram College
35.	Nani Bhattacharjee S. Mahavidyalaya
36.	Maynaguri College
37.	N.B. St. Xavier's College
38.	Alipurduar Mahila Mahavidyalaya

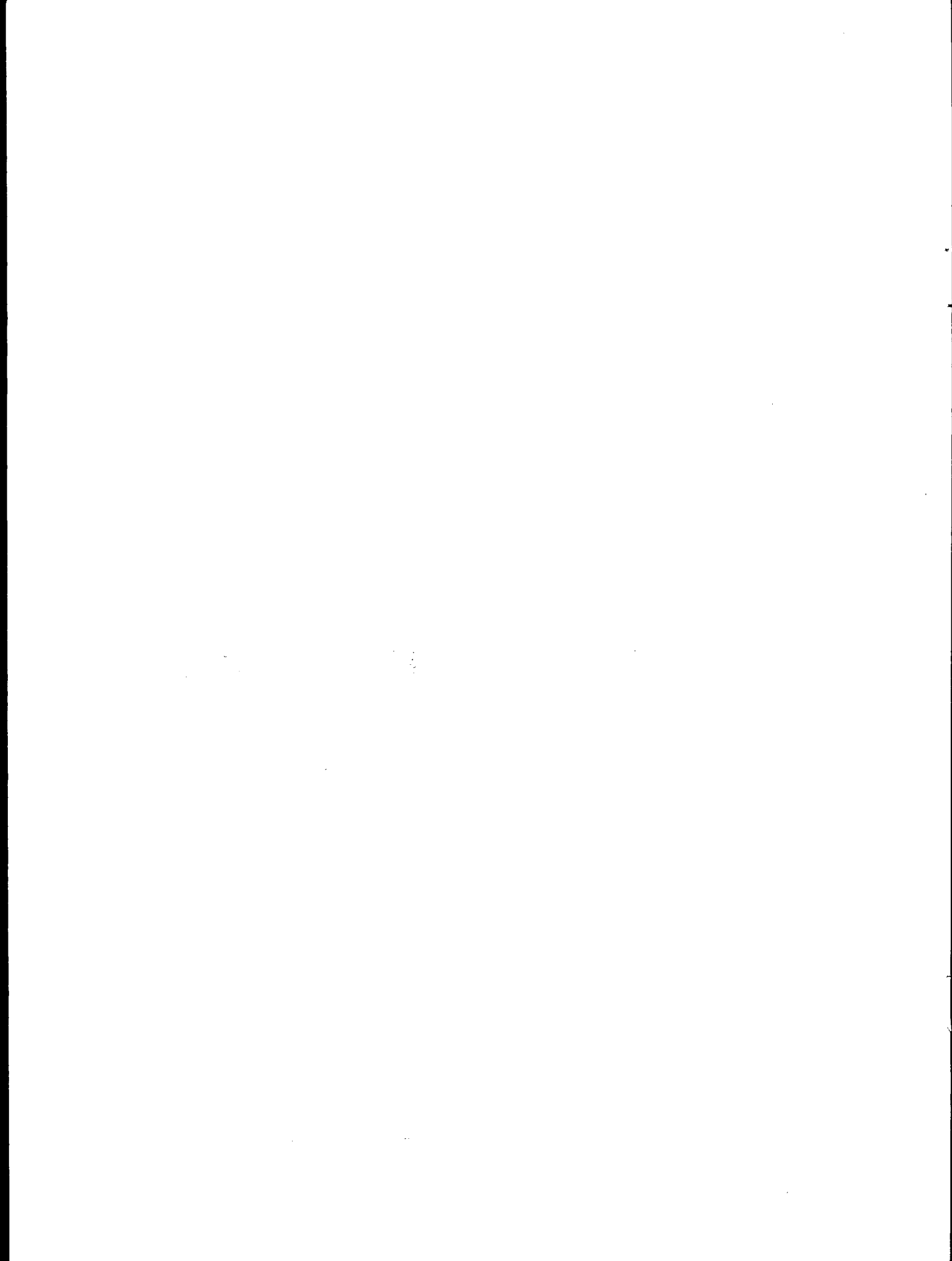
39.	Model B.P.Ed. College
40.	Rajganj College
41.	Samuktala Sidhu Kanhu College
42.	Mathabhanga College
43.	Coochbehar College
44.	Tufanganj Mahavidyalaya
45.	University B.T. & Evening College
46.	Netaji Subhas Mahavidyalaya
47.	Thakur P. Mahila Mahavidyalaya
48.	Mekliganj College
49.	Dinhata College
50.	Sitalkuchi College
51.	Coochbehar B.Ed. Training College
52.	Baxirhat Mahavidyalaya
53.	Dewanhat Mahavidyalaya
54.	Baneswar Sarathibala Mahavidyalaya
55.	Ghoksadanga Birendra Mahavidyalaya
56.	Madhusudan Hore Mahavidyalaya
57.	Islampur College
58.	Raiganj University College
59.	Kabiguru Rabindranath College of Education
60.	Alipurduar B.Ed. Training College
61.	Chopra Kamala Paul Smriti Mahavidyalaya
62.	Dhupguri Girls' College
63.	Lilabati Mahavidyalaya
64.	Dhupguri College of Education
65.	N.B.S. College of Education
66.	Pragati College of Education

Total enrolment, Graduate level all courses

Sl. no.	Name of the Colleges	Total number of Students
1.	Darjeeling Government College	UG-3011, PG-200
2.	Kalimpong College	1774
3.	Bijanbari Degree College	139
4.	Kurseong College	1018
5.	St. Joseph's College	UG-1790, PG-36
6.	Cluny Women's College	423
7.	South Field College	680
8.	Siliguri College	3200
9.	SRBT College	60
10.	Siliguri College of Commerce	1900
11.	Salesian College	896
12.	Siliguri Mahila Maha vidyalaya	1350
13.	Sonada Degree College	450
14.	Siliguri B.Ed. College	100
15.	K.P. Ghosh Tarai Mahavidyalaya	5174
16.	Surya Sen Mahavidyalaya	2825
17.	Mirik Degree College	679
18.	Ghoom Jorebunglow Degree College	767
19.	Gyanjyoti College	495
20.	Nakshalbari College	1237
21.	Vidyasagar College of Education	100
22.	Munshi Premchand Mahavidyalaya	1133
23.	A.P.C. Roy Govt. College	373
24.	Indian Institute of Legal Studies	297
25.	Ananda Chandra College	UG-2900, PG-78
26.	Ananda Chandra College of Commerce	321
27.	Ananda Chandra Training College	100
28.	P.D. Women's College	3187
29.	Birpara College	1903
30.	Jalpaiguri Law College	115
31.	Falakata College	3777
32.	Alipurduar College	3848
33.	PMS Mahavidyalaya	4804
34.	Sukanta Mahavidyalaya	4997
35.	Vivekananda College	1888
36.	Saheed Kshudiram College	4042
37.	Nani Bhattacharjee S. Mahavidyalaya	1453
38.	Maynaguri College	4765
39.	N.B. St. Xavier's College	1117

40.	Alipurduar Mahila Mahavidyalaya	634
41.	Model B.P.Ed. College	50
42.	Rajganj College	310
43.	Samuktala Sidhu Kanhu College	494
44.	ABN Seal College	UG-1564, PG-190
45.	Mathabhanga College	5053
46.	Coochbehar College	2601
47.	Tufanganj Mahavidyalaya	5222
48.	University B.T. & Evening College	1676
49.	Netaji Subhas Mahavidyalaya	2802
50.	Thakur P. Mahila Mahavidyalaya	3041
51.	Mekliganj College	1791
52.	Dinhata College	4841
53.	Sitalkuchi College	2357
54.	Govt. College of Physical Education	50
55.	Coochbehar B.Ed. Training College	100
56.	Baxirhat Mahavidyalaya	952
57.	Dewanhat Mahavidyalaya	1950
58.	Baneswar Sarathibala Mahavidyalaya	548
59.	Ghoksadanga Birendra Mahavidyalaya	120
60.	Madhusudan Hore Mahavidyalaya	582
61.	Islampur College	5700
62.	Raiganj University College	3500
63.	Kabiguru Rabindranath College of Education	100
64.	Alipurduar B.Ed. Training College	100
65.	Chopra Kamala Paul Smriti Mahavidyalaya	325
66.	Dhupguri Girls' College	282
67.	Lilabati Mahavidyalaya	220
68.	Dhupguri College of Education	100
69.	N.B.S. College of Education	100
70.	Pragati College of Education	100
71.	Govt. General Degree College (Hindi Medium)	300

CHAPTER - XIV
UNDER GRADUATE COUNCIL



Office of The Secretary 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. cum Typist
Mr. Labin Singha, Sr. 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	:	54
Number of B.Ed Colleges	:	10
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 interactively, 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	ENGLISH, COMPUTER SCIENCE, BENGALI, HISTORY, ECONOMICS, PHILOSOPHY, POLITICAL SCIENCE, COMMERCE, SOCIOLOGY, NEPALI, PHYSICS, CHEMISTRY, MATHEMATICS, GEOGRAPHY, BOTANY, ZOOLOGY, HINDI, SANSKRIT, EDUCATION, LAW, ARABIC, URDU, MODERN TIBETAN, PHYSIOLOGY, PHYSICAL EDUCATION, B.P.ED, GEOLOGICAL SCIENCE, PSCHOLOGY
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TOTAL EXPERT COMMITTEE	1.	Statistics
	2.	Environmental Studies
	3.	Sericulture
	4.	Microbiology
	5.	B.Sc. Course in Internet Science / Software System (ZILS) of Campus Education Course (ZILS)
	6.	Lepcha, Limboo & Bhutia
	7.	B.B.A.
	8.	Mass Communication & Journalism

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

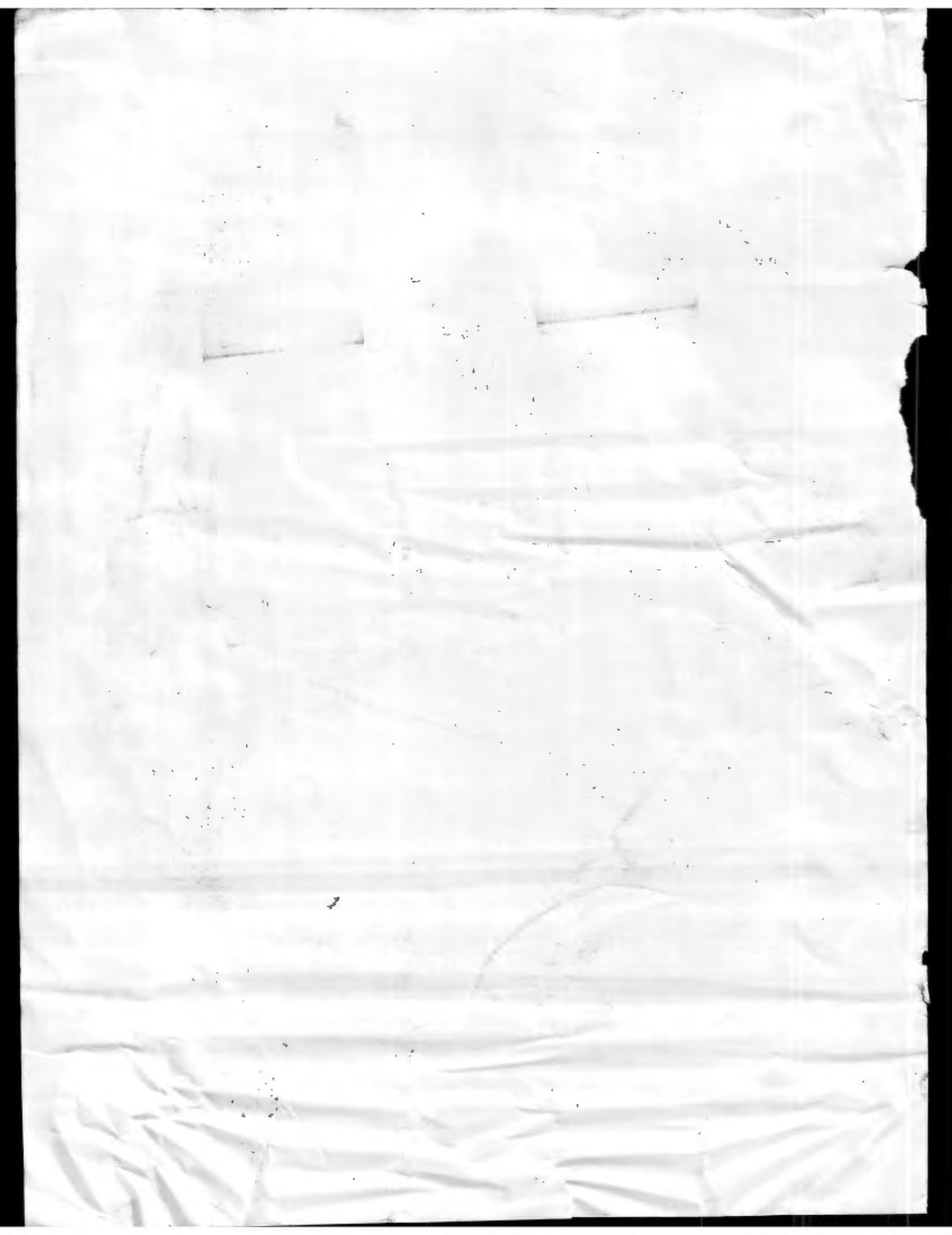
REACHING OUT :

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.*





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