



3. Dr. Kshirod Kr. Thakuria, M.A., Ph.D
4. Dr. Lalit Ch. Rabha, M.A., Ph.D,
5. Mrs. Manjira Sarma, M.A.

Research Prject Completed :

Two faculty members have already completed two research project. Dr. Kamaleswar Thakuria, present Head of the Department has completed one project on 'Ciyageet : Eti Alochona' sponsored by University Grants Commission. On the otherhand, Dr. Lalit Chandra Rabha, Assistant Professor of the Department has completed one project with Dr. Upen Rabha Hakacham, Professor, Department of Assamese, Gauhati University on 'Rabha Language' sponsored by Central Institute of Indian Languages, Mysore. This project is published in the website of the CIIL, Mysore.

Research Guide:

Four research scholar has been working in this department for the Ph.D. degree under Gauhati University under the guidance of Dr. Lalit Ch. Rabha.

Publications :

Departmental Publication:

An annual Research Journal named '*Asomjyoti*' (ISSN 2319-8559) has been publishing from the Department since 2013.

Publication by the faculty members :

1. Dr. Kamaleswar Thakuria :

Books : 03

Paper/article : 18

2. Mr. Jatin Chandra Medhi

Paper/article : 03

3. Dr. Kshirod Kumar Thakuria

Paper/article : 04

4. Dr. Lalit Chandra Rabha

Books : 08

Paper/article : 35

5. Mrs. Manjira Sarma

Books :01

Paper/article : 03

Membership in Editorial Boards :

1. Dr. Lalit Chandra Rabha is editing three journals
– (a) **Dogo Rangsang Research Journal**,
(b) **Research Journal Asomjyoti** and (b) **Janasewa**.

2. Dr. Kamaleswar Thakuria is Associate Editor of Research Journal *Asomjyoti*.

3. Dr. Kshirod Kr. Thakuria, Mr. Jatin Ch. Medhi and Mrs. Manjira Sarma are the Asst. Editor of Research Journal *Asomjyoti*.

Seminars/Conferences/Workshops organized & the source of funding:

A National Seminar on '*Literature, culture and Philosophy of Sankaradeva*' was organized by the Dept. of Assamese, J.N. College, Boko in collboration with the Society for Human Development, Guwahati, Assam on November 30, 2011. Dr. Lakshinandan Bora, former Vice-Chancellor, Assam agriculture University and Dr. Kishorimohan Pathak, Former Vice-chancellor of Assam University attended as resource person. Dr. Kishorimohan Pathak, in his key-note Address, discuss on the contribution of Mahapurush Sankaradeva in the field of art, literature, culture, philosophy and religion of Assam.

In the Seminar, more than eighty scholars from various parts of the country participated and read out their research paper focusing on the contribution of Sankaradeva in the various field of Assam.

Seminar/workshop participated by the faculty members:

International Seminar :

1. Dr. Kamaleswar Thakuria :01

2. Dr. Lalit chandra Rabha : 02

National Seminar/workshop :

1. Dr. Kamaleswar Thakuria :07

2. Mr. Jatin Chandra Medhi : 05

3. Dr. Kshirod Kumar Thakuria :05

4. Dr. Lalit Chandra Rabha : 17

5. Mrs. Manjira Sarma : 05

Paper presnted in Seminar/workshop :

International Seminar :

1. Dr. Kamaleswar Thakuria :01

2. Dr. Lalit chandra Rabha : 02

National Seminar/workshop :

1. Dr. Kamaleswar Thakuria :07

2. Mr. Jatin Chandra Medhi : 02



3. Dr. Kshirod Kumar Thakuria :02

4. Dr. Lalit Chandra Rabha : 12

5. Mrs. Manjira Sarma : 02

Result of BA Final Examination in Major Subject:

Year	Apeared	Passed	Pass %
2013	13	13	100%
2012	15	15	100%
2011	18	18	100%
2010	08	08	100%
2009	09	09	100%
2008	12	12	100%
2007	06	06	100%
2006	03	03	100%
2005	20	10	50%

After opening Major Course in the Department, many students passed Degree course with very good results and got admitted in Gauhati University and other University for higher education. Many students of the Department have got M.A. degree and a few of them has also been awarded Ph.D. degree from various University. Among them, Dr. Rajat Ch. Rabha (Associate Professor, Dudhnoi College, Dudhnoi, Assam), Dr. Malina Devi Rabha (Principal, Bikali College, Dhupdhara, Assam), Dr. Kshirod Kumar Thakuria (Assistant Professor, J.N. College, Boko, Assam), Dr. Joba Thakuria (Assistant Professor, Bongaigaon College, Assam), Dr. Kamaleswar Thakuria (Associate Professor and Head, Dept. of Assamese, J.N. College, Assam), Dr. Lalit Chandra Rabha (Asst. Professor, J.N. College, Assam) etc. Currently some of the ex-students doing research works for Ph.D. Degree in various University.

Shri Birinchi Kumar Rabha, the sx-students of the Department achieved the prestigious Junior Literary Fellowship Award from Human Resource Development, Govt. of Assam. The ex-students of the Department have been working successfully in different Departments of Govt. and Non-govt. sectors.

The infrastructure of the Department is not up to the mark due to fund crisis of the college. But at present effort has been for the improvement of the Department. A Departmental Library has already been set up currently for the students. The teachers of the Department donate books in the library.

Future plans :

The present faculties are constrained with additional responsibility to undertake their research activities. The adequate library and infrastructural facilities in the college have provided opportunities to both teachers and students to carry out their academic activities without any hindrance. However, lack of adequate faculties will loom large over the department as threat in the coming years.

The future plan of the Department is to develop the infrastructure of the Department and to introduce P.G course in the subject. The Department is contemplating to develop the Department as a cultural resource centre by collecting the local traditional folk songs, folk tales etc. Organizing at least two national seminars and workshop and getting one minor research project will be in the priority areas of the department in the coming years.

**Prepared by Faculty Members,
Dept. of Assamese**





DEPARTMENT OF BODO AT A GLANCE

Introduction:

As J.N. College, Boko is situated in a tribal belt and block, the people of the locality had been feeling for teaching of tribal languages. That is why the department of Bodo was established in the year 1993 in the college. Since then the department has been working to popularize the language for its conservation.

After establishment the department had no qualified lecturer in the subject as per the UGC norms. Because the subject was very new at that time and very few peoples were available to teach the language. However, Gauhati University introduced the subject in PG Diploma course only during that period. The founder lecturer of the department was Mr. Jibeswar Koch (1993). He was appointed as tutor for one year. The second lecturer of the department was Mr. Dharma Kanta Boro (1995) who served in the department for the next year. Later on Mr. Binod Goyary (1995), Janoki Baro (1997) and Mr. Jyotish Basumatary (2009) were appointed as contractual lecturer. But they did not continue their services. Miss Bhairabi Baro joined in the department in 2002 and continue till now as well as Mr. Ansuma Kh. Bodosa appointed as a contractual lecturer in 2004 and continue till today. At present the infrastructure of the department is very poor due to financial hardship of the college. The student enrolment is also very low. The department has only one sanctioned post. Lack of adequate number of permanent teaching faculties is the greatest weakness of the department. The Department has got Permission/ affiliation up to 2nd Year of TDC in MIL & ELT. BODO and Concurrence only on 1st Year of TDC Memo no. AHE.333/2008/108-A. Dated Dispur, the 5th December, 2008.

Though the infrastructure of the Department is very poor, the department has produced some brilliant students. Ansuma Khungur Bodosa, who has been

working as a contractual teacher in this Department, was a student of first batch of the Department. Some of them has completed Post-Graduate Degree in Bodo under Gauhati University and passed the NET/SLET Examination in Bodo conducted by UGC. A list of such students is given below.

1. Ansuma Kh. Bodosa (SLET) Lecturer (Contractual), Dept. of Bodo, J.N. College.

2. Jyotish Basumatary (NET/JRF), JRF-NEHU

Names of Programmes/Courses offered :
Undergraduate course in general study

Present Faculty Members

1 Miss Bhairabi Baro, M.A.

2 Mr Ansuma Khungur Bodosa, M.A.

3 Mrs. Jili Alchiary, M.A.

4 Miss Samaisri Khakhalary, M.A.

Research Centre/facility recognized by the University:

The department has a library with books and journals and also one computers, etc.

Publication by the Faculty :

Number of papers published in peer reviewed journals (national /international) by faculty .

Miss Bhairabi Boro : 01

Seminars/Conferences/Workshops organized & the source of funding:

The Dept. could not organize national and International Seminar due to some problem. However the Dept has been organizing Departmental Seminar.

Future plans :

The Department has a future plan to open Major Course in Bodo.

Prepared by Faculty Members,
Dept. of Assamese



DEPARTMENT OF BOTANY AT A GLANCE

(Department with DBT Star College Grant)

1. Introduction

Considering the emergent need of science education, the college started its science stream in the year 1986. From the very year of its introduction Botany department was established with a modest scale. Initially it was offered as a general subject in the Higher Secondary(Pre University) level, but a period of time had to be elapsed before introducing Botany in degree course. In the year 1993-94 Gauhati University accorded its permission to introduced Botany in the degree courses as a general subject.

The science stream came under Assam Government Grant in Aid system in the year 1998. Soon after that the department started its major(Honors) course in the year 1999 with only four students. Presently the department is offering Under Graduate Major and General courses along with 10 + 2 course in Biology.

The main objectives of the department is to impart knowledge in the field of Botany and other related fields and also to make the students of the area skill for higher education in the modern fields of Botany through quality teaching as well as field observations.

Mrs. Madhusmita Sarma M.Sc. joined the department in 1987 as founder teacher. She served for the department till 1991 and strengthening the department with quality teaching. Soon after she left the department Mrs. Purabi Rabha M.Sc. joined the department during the last part of the year 1991 and serving as HOD till 2013. Considering the increasing demand of students and also to minimized the class load Syed. Habibur Rahman M.Sc. was appointed as second teacher in 1995. Mr. Pinaki Kumar Rabha

M.Sc. and Mr. Tapan Dutta M.Sc. joined the department to strengthening the teaching staff in the year 1997. At the same time two laboratory bearers namely Mr. Savaram Boro and Mr. Ajay Das were also appointed to fulfill the man power demand of the department. Till then these four teachers have been working hard for smooth and overall development of the students of the area as well as the department with limited facilities.

Although the department did not have adequate modern laboratory and other facilities, till 2007 but gradually with the grant received from different agencies now it has sufficient classroom and laboratory with advanced equipments facilities needed for smooth running of the department. The department has its own library with 170 books contributed by the teachers of the department and purchased from the UGC fund. It has also developed a small *Museum* with the collection of locally available economically important plant product like timber, bamboo, cane, cereals, pulses etc. The department established a *Botanical garden cum biodiversity resource Center* in the year 2003 with the help of Forest department.

The department encourages its teachers to involve in different research works whose outcome is satisfactory. Two teachers of the department Mr. Tapan Dutta and Syed Habibur got their Ph.D. degree from Gauhati University and Dibrugarh University respectively. Another teacher Mr. Pinaki Kr. Rabha is pursuing his research work under Gauhati University.

The student of this department is constantly aided by personal assistance of the teachers where they take in to account of every individual aspect of



the students. Even instances are there where the department has aided the students financially to pursue their studies.

The faculty members of the department are also involved themselves in research activities and running different major and minor research projects funding by different agencies. In this Golden jubilee year the members of the department feel proud to received **Department of Biotechnology, Govt. of India's Star College Grant for three years with effect from 2014-2015.**

2. Teaching- learning and evaluation process:

Besides the regular classroom teaching, the department also holds unit tests to find out the gray area of the students and thus helping them to take necessary measures. The department also hold, group discussions, seminar etc. among the students and sometimes through resource person invited from outside. Field survey, exposure visit also adopted at regular interval to give proper practical knowledge to the students in their relevant fields and small research topic are assigned to them to improve their observational skill. Considering the alarming unemployment problem the department has started one **Career Oriented certificate Course on Techniques of Mushroom Cultivation and Utilization.** To orient the students about modern technologies in the field of biological sciences the department has constructed one Green house and one Vermi composting unit this year out of the research project fund.

3. Our Mission

To prepare the youth of the locality to compete at National and International levels through imparting knowledge and training in the field of Botany and allied discipline to serve the society and the nation, the department adopted the following missions to translating the vision of the college in to reality .

- (a) To impart knowledge-based education on plant sciences to the students of the locality and prepare them for further higher education.

- (b) To develop R&D in the department
- (c) To create awareness regarding conservation and management of Forest and the plant diversity of the region.
- (d) To study and explore the various resources of the region for the sustainable development of socio-economically backward ST and SC as well as other peoples of the locality.
- (e) To provide vocational courses and training and to create self-employment among the students of the locality.

4. Courses offered: Presently the department offers the following three courses.

- a. Under Graduate course in Botany (Major and General)
- b. 10 + 2 in Botany
- c. Certificate course in Techniques of Mushroom Cultivation and Utilization

5. Present Faculty profile and Non teaching staff.

- 01 Dr. Tapan Dutta, M.Sc, Ph.D, (HoD)
- 02 Mrs. Purabi Rabha, M.Sc
- 03 Dr. Habibur Rahman, M.Sc, Ph.D.
- 04 Mr. Pinaki Kumar Rabha, M.Sc
- 05 Sabharam Boro, Laboratory Assistant
06. Ajay Das, Laboratory Assistant

6. Research Project done by the faculty members:

Minor Research Project:

1. Dr. Habibur Rahman: 02 (UGC/ Completed)
 2. Dr. Tapan Dutta : 02 (UGC/ Completed)
- Major Research Project:**
1. Dr. Tapan Dutta : 02 (UGC and ASTEC/ Ongoing)

7. Research publications of faculties:

- International Journal: 01
National Journal: 08
Proceeding Volume: 02
Chapters in Book: 01



8. Seminar / Workshop/ Training attended by faculty Members:

- a. Dr. Tapan Dutta S : 22 W : 12 T : 04
b. Mrs. Purabi Rabha S : 12 W : 02 T : 01
c. Dr. Habibur Rahman S : 07 W : 00 T : 01
d. Mr. Pinaki Kr. Rabha S : 10 W : 03 T : 03

09. Pass percentage (Major):

Year	Percentage
2008-2009	100%
2009-2010	50%
2010-2011	Nil
2011-2012	100%
2012-2013	100%

10. Student progression from UG to PG : 50%
(During last five years)

1. Infrastructure Available:

- (a) Departmental Library facilities available with about 150 books (Text and reference books)
(b) One Class rooms with ICT facility
(c) 02 Departmental Lab. with advanced equipments and sufficient consumables
(d) One Tissue Culture lab (Under installation)
(e) Botanical Garden with one green house and one vermin composting unit.

11. Other student support service:

Periodic student enrichment programmes are arranged by the department where expert from outside are invited as resource person. Students of the department visited various advanced laboratories and institutions across the state sponsored by Biotech Hub.

12. Teaching methods adopted to improve student learning :

- a. Conventional Black board method
b. Use of multimedia
c. On field learning, Observation, demonstration and documentation
d. Arranging exposure tour.
e. Group discussion
f. Seminar presentation by the students on specified topics.
g. Involvement of the students in conservation programmes.

13. Future plan of the department:

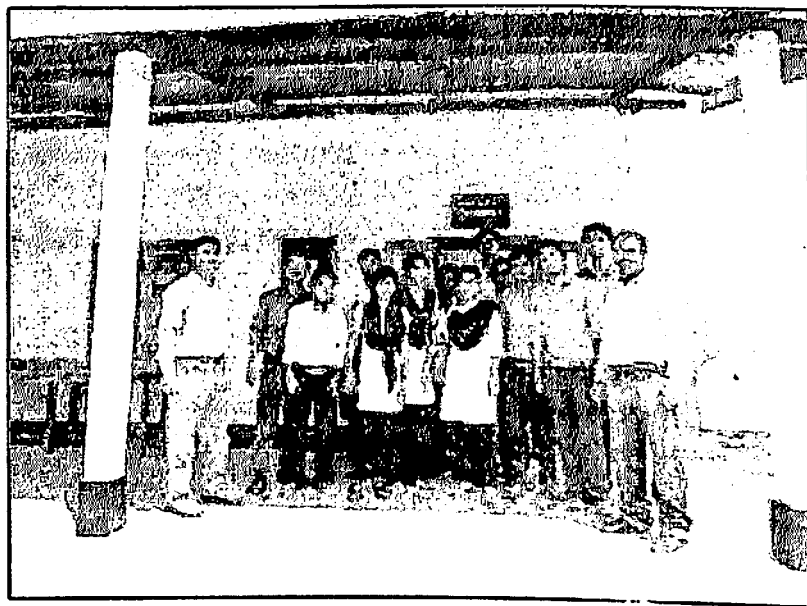
1. The department aspires to initiate more skill based and innovative courses for extraction and purification of locally available value products.
2. The department is interested to develop a full-fledged research laboratory by adding a Tissue culture unit by optimum use of the available infrastructure.
3. The department is striving for conservation of medicinal and lesser known traditional fruit plants.
4. Convert the Mushroom Cultivation unit into a Mushroom production centre to make the department partially economically self sustainable.

**Prepared by Dr. Tapan Dutta
Head, Department of Botany**





DEPARTMENT OF CHEMISTRY AT A GLANCE



The Department:

Chemistry Department is one of the important departments in the faculty of Science of J. N. College; the only premier institution of higher education in the tribal dominated greater Boko region of Kamrup (rural) district of Assam was established in the year 1986. The department came into Grant-in-Aid-Deficit system by the Government of Assam in the year 1998 and finally into Govt. Provincialized system in the year 2005.

The Department of Chemistry was established in the 1986 with the idea of developing Chemical Science Education, exploring the mysteries of environment, self-sufficient skill based education of this backward locality. The department served for Pre-University Courses till 1993 from its humble beginning. Before that the students of the locality had to go to different colleges to pursue higher education. For the first time in the session 1993 – 94, three year degree courses (TDC) as prescribed by Gauhati University in Chemistry was introduced along with the other Science subjects, which is considered as a land mark beginning of Science Education in College history. Later in the year 2005 the Department was able to open Major course in Chemistry depending on the

needs and continuous demands of the students of the locality.

The Department started in the year 1986 under the stewardship of Prof. Madan Das, who left the Department in the next year 1987. Mr. Meraj Khan who joined in the department in the year 1988 continued his service up to 2009. In the year 1994 Mr. S. K. Sarma, joined in the Department and served till 1997. Dr. P. Baruah joined the Department in the Lien vacancy of Mr. N. Ahmed, who joined Gauhati University, in the Department of Chemistry since 1st July' 2010 to 31st March' 2013 to pursue Ph. D. degree Under UGC – FDP (FIP) Scheme. Miss S. Talukdar was joined the Department, as a contractual Faculty from August' 2013 to March' 2014.

At present the Department is going to be full-fledged with three laboratories equipped with all the necessary instruments and Chemicals as required in the Undergraduate Major and General courses in Chemistry, Departmental Library, with only three permanent faculty members and two laboratory bearers (one of the faculty member remains unauthorized absent from 2009 to till date). The Departmental Library has been setup in the year 2003



for the benefit of both the Major and General students of the department. All the text books, reference books, Journals and magazines are donated by the Faculty members of the department.

Past and Present Faculty Members:

- M. C. Das, M. Sc.(1986– 87)
 M. Khan, M. Sc., M. Phil (1988– 09)
 S. K. Sarma, M. Sc.(1994– 97)
 Dr. A. K. Goswami, M.Sc.,Ph.D.,(1997 –)
 Dr. J. P. Sarma Baruah, M. Sc., Ph. D.,(997 –)
 N. Ahmed, M. Sc.,(997 –)
 Miss P. Baruah, M. Sc., Ph. D.,(2010– 13)
 Miss S. Talukdar, M. Sc., (2013– 14)

Past and Present Non –Teaching Staffs:

- | | |
|--------------------|------------|
| Amal Rabha (Past) | Lab Bearer |
| J. Thakuria (Past) | Lab Bearer |
| N. Rabha (Past) | Lab Bearer |
| S. D. Das | Lab Bearer |
| P. Kalita | Lab Bearer |

Faculty Profile:

1. Dr. A. K. Goswami, M. Sc., Ph. D. (HOD)

Higher Education: Ph. D. from the Gauhati University in the year 2005 (Title of the Thesis: *Utilization of Carotenoids from Algae*)

Research Interest: Chemistry of Carotenoids and Biochemistry

Publication: National = Nil

International = 01

Proceeding in National Seminar = 01

Carrier Development courses attended: Seminar/Conference: 20

Seminar/Conference presenting Research papers = 02

Resource Person : 03

Research Project (MRP): 01 (UGC)

2. Dr. J. P. Sarma Baruah, M. Sc., Ph. D.

Higher Education: Ph. D. from the Gauhati University in the year 2009 (Title of the Thesis: *Quality Assessment of Water Sources used for Domestic purpose in the Tribal Area of the South West Kamrup with special References to Boko*)

Research Interest: Environmental Chemistry and Bioinorganic chemistry

Publication:

National = 01

International = 01

Proceeding in National Seminar = 01

Carrier Development courses attended:

Seminar/Conference: 15

Seminar/Conference presenting Research papers = 01

Resource Person: 03

Membership: 02

Research Project (MRP): 01 (UGC)

3. Nuruddin Ahmed, M. Sc.

Higher Education: Pursued under UGC–FDP Scheme from Gauhati University and Ph. D. Thesis submitted to the Department of Chemistry, GU (Title of the Thesis: *Synthesis and Characterization of Nanostructured Conducting Polyaniline in Micellar and Reverse Micellar route*)

Research Interest: Polymer Chemistry and Organic Synthesis

Publication:

National = Nil

International = 03

Proceeding in National Seminar = 08

Seminar/Conference: 13

Seminar/Conference presenting Research papers = 04

Resource Person: 07

Research Project (MRP): Nil

Facilities:

Three well equipped laboratories in the standard of Undergraduate Major and General Courses in Chemistry with one class room. Gas plant and distilled water facilities are also available. However, these facilities are not up to the mark.

Programmes:

Both Major and general courses in Chemistry in Undergraduate level. Senior Secondary classes were also offered on public demand.

Results:

2013	95 %
2012	94.4 %
2011	78 %



2010	71 %
2009	79 %

Departmental Library:

In addition to the Central Library we have a Departmental library with 142 books including reference books for major standard. Students are allowed to read these books at their convenience however, for major students there is a provision is to borrow books for three days only.

Vision of the Department:

To set hallmark in the field of education and to preserve, create and disseminate knowledge through teaching, learning and experimentation, thus clinching new vistas of opportunities for the generations to come so that they may achieve, self-sufficiency and it may impart in them, faithfully and comprehensively, the accumulated conscience of modern human civilization in terms of cultural, scientific and technological experiences, thereby ensuring courage and determination in them to face the changing scenarios of the socio-economical situation creating responsible individuals leading a responsible society to contribute to the advancement of the region, the state and the nation as a whole and thus identifying a collaboration with the over sought desire for knowledge and progress of the human race.

1. Publication of Dr A K Goswami

International Journal:

a. Carotenoids of Dodder (*Cuscuta reflexa*) Grown on Hedge, *Clerodendru enemry*, Advances in Natural and Applied Science, 2(3), 99- 102, 2008

Proceedings of Seminar/Conference/ Workshop:

Presented paper on the National Seminar on Wetland & Livelihood at J.N. College on 24 & 25 October, 2008 organized by JN College, Boko. Title: Morphological and Carotenoid Composition of some Terrestrial and Aquatic Algae from Assam.

2. Publication Dr J P Sarma Baruah

International Journal:

a. Assessment of Drinking water Quality in Different small Tea Gardens of Sonitpur District (Assam), India. Scholars Research Library, Archives of Applide Science Research, 2010, 2(5); 226 - 38

National Journal: 01

a. Major Anion Level of Water Sources in the Tribal areas of Boko, Kamrup (Assam). Published in the Journal "Enviro-Spectra" Vol 1 No 1, 2006, pp 98 – 103. Published by the Society for Environmental Protection Education and Research (SEPER) GU

3. Publication of N. Ahmed

International Journal:

a. Paper published in the Research Journal of Chemistry and Environment. Title: "Synthesis of Nanostructured Polyaniline in Dodecyl Sulphuric Acid (DSA) Mediated Miceller Medium using Isopropanol as Co-surfactant": N. Ahmed¹, M. Upadhyaya², and D. K. Kakati³; Vol. 10 (4), December (2012), 19 – 25

b. Paper published in the Iranian Polymer Journal (Springer); ISSN 1026 – 1265 entitled: Studies on Cu²⁺ ion doped Polyaniline": M Upadhyaya¹, N Ahmed², R Deka³ & DK Kakati⁴; Published online: 30 June 2012

c. Paper published in the "Journal of Polymer Materials" entitled "Polyaniline Nanoparticles in Sodium Dodecyl Sulphate based Inverse Microemulsion" N. Ahmed, M Upadhyaya and DK Kakati; J. Polym. Mater. Vol. 28, No. 4, 2011, 561 – 575

Proceedings of Seminar/Conference/ Workshop:

Presented Poster in the International Seminar of Polymer Congress APA – 2009 "Polymer Science and Technology: Vision and Scenario" on 17th and 18th December' 2009 at New Delhi, India

Prepared by Faculty Members
Department of Chemistry





DEPARTMENT OF ECONOMICS AT A GLANCE

The department of Economics came into existence in 1964 with the establishment of J.N. College, Boko, which was the fruit of long standing demand and hard work of the people of Boko. The Gauhati University accorded its first affiliation in 1964 up to the Pre-university standard. The college received first degree affiliation in arts faculty in 1967. Since then the department has been offering both Higher Secondary and Degree courses in Economics. The Honors Course was introduced in 1978 and was accorded permanent affiliation in 1990 by Gauhati University. Late S.C. Talukder was the founder teacher in the department. In a later period Late D.N.Sarma, Late A.C.Patowary, Md. S.Ali, Mr.S.Saikia, Mr. S.Nath served the department very sincerely. At present there are only two permanent faculty members in the Department- Mrs.D. Das and Mr.P.Bharali both joined 1995. The department is

facing dearth of faculties since 2000 and running with contractual teachers.

A total no. of 83 students came with flying colours in major till now and have joined various services as-lecturer, teacher, defense personal, bank official etc. As a part of academic activities the department sometimes conducts social surveys, seminars etc.

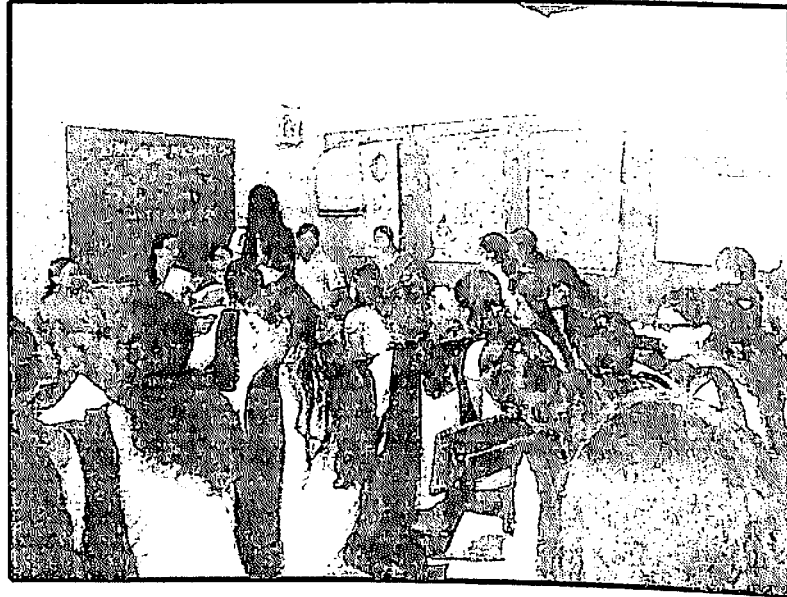
Inspite of several difficulties and oddities the teachers are offering their services ardently. On the threshold of Golden Jubilee the department promises to commit itself for greater development of the institution and enhance the quality of education in the years to come.

**Prepared by Mrs. Deepanjali Das
HoD ,Department of Economics
J.N.College, Boko**





EDUCATION DEPARTMENT AT A GLANCE



1. History of the Department

In the era of formal education system the subject Education is one of the most important parts in the field of education. Jawaharlal Nehru College Boko, introduced the subject education on 14th August 1979. In the year 1991 major course was opened depending on high demand and interest of the students.

The main aims and objectives of the department are to impart knowledge based education in the subject so that the students of the locality can go for higher Education.

The founder lecturer of the department was Mr. Arun Medhi who served the department from October 1979 to December 1982. subsequently, Mrs Parveen Akhtar, Gajendra Prasad Borah and Rafika Hussain also served the department for a short period in between 1982-1984, In November 1984, Mrs. Runu Adhikary joined in the department as a lecturer and left the college in 1986. Similarly Manisha

Bhattacharya served the department from Jan. 1987 to Oct. 1988 and Khirodamali served the department From Mar. 1991 to Mar. 1998 Mrs Barnali Rabha, Mrs. Bhanu Prabha Gayari and Miss Swapna Barhoi also served the department as part time lecturer during session 2012-13 and 2013-14

2. (a) Vision of the Department

Vision of the Department has been mentioned as follows.

1. By facilitating Quality education for the development of individuality of each and every students of the department according to their needs and aspirations

2. To familiar the students with the development take place in higher education and to create awarness in their mind

3. To introduce carrier oriented programmes for development of knowledge and 'skill of the students for economically self dependent.



4. To realise young generation the duties and responsibilities to build up a better Society

5. To Familiar with Science and Technology and scientific temperament for better world to live in

(b) Mission of the Department

1. Providing better infrastructure to the students
2. Organizing Seminar and work shop relevent to academic Development

3. Introducing Skill oriented courses for economic efficiency of the students

4. Undertaking research and extension activities

5. Taking special care for the weaker students

6. Providing online learning facilities

3. Present Faculty Members

Mrs. Rumita Phukon, MA Ex-H.O.D

Join in 22-07-1985, Associate Prof.

Mrs Bijoya Deka, MA, LLB, M.Phill, H.O.D

Join in 01-08-1989, Associate Prof.

Mr. Niranjana Mahanta, M.A.

Join in 04-09-1995, Asst. Prof.

Mrs. Dipanjali Kalita, M.A., M.Phill, B.Ed

Join in 02-11-1998, Asst. Prof.

Surajit Adhikary B.A., Lab. Bearer

4. Faculty Development Programmes

The faculty members participated in International Seminar, National Seminar, Workshop etc. time to time as follows:

Mrs. Rumita Phukon

International Seminar: 01

National Seminar: 12

Workshop: 02

Published Article: 02

National Journal 02

Shapter in books with ISBN 01

Articles with ISSN 02

Other Articles 04

Mrs. Bijaya Deka

International Seminar: 05

National Seminar: 19

Workshop: 07

Published Article:

Shapter in books with ISBN 03

Articles with ISSN 03

Other Articles 45

Book with ISBN 03

Book without ISBN 08

Mrs. Niranjana Mahanta

National Seminar: 03

Workshop: 07

Mrs. Dipanjali Kalita

International Seminar: 01

National Seminar: 07

Workshop: 01

Published Article :

Shapter in books with ISBN 01

Articles with ISSN 01

Other Articles 07

Student Enrichment Programme

The faculty members of the Department involved in some other activities and organized some seminars like "Management and prevention of Stress at under graduate level", "Globalisation and higher education", Seminar on Primary Education System of Assam etc. Similarly the faculty members organized Inter disciplinary talk 5 nos, workshop 1 no, popular talk, book fair, drawing competition etc. More over faculty members organized Picnic, field visit, educational tour to Shillong, Sivsagar, Tezpur, IITG, Mugakhol gaon, Mouman Ashram etc.

5. Other activities

Faculty members of the department extended full cooperation and active participation in different activities asa part of programme in institutional social responsibility (ISR) and other extension activities. A faculty member, Mrs. Rumita phukon acted as editor "Prerona" Journal of Women's Cell Jawaharlal Nehru college, Boko. Mrs. Bijaya Deka acts as a Ranger leader of Amrit Prabha Ranger Team since 2003 and assistant Co-ordinator D.EL.Ed. Course of J.N. College study centre under KKHSOU. Mr. Niranjana



Mahanta participated as coordinator of Induction Course of D.EL.ED. and co-ordinator of Montessori Methods. He was also editor of 'Educare' VOL-I, annual journal of Education Department. Mrs. Bijaya Deka have written some books for children entitled Kankanor Kabita (2001), Akoni aru Rousseau (2003), Bardeutar Logot (2003), Air saman hobo kon (2008), Rengoni- Sargiya Thanuram Dekar Jiban Aru Karma (compiled.2004), Putukon Parhasali aru Mak (2006,2008), Smritigatha (2008), Tultular Sapon (2010), Preranar anya nam Amalprava (2011), Somratar Sovajatra (A book Translation from Hindi to Assamese,2012) Gar puwalir joy (A book Translation from English to Assamese,2012). Mrs. Bijaya Deka and Dipanjali Kalita Extended their co-operation as councillor of J.N. College study centre under KKHSOU. All faculty members participated as a resource person in various academic activities outside the college also.

6. Seminar Library: The Dept. established a seminar library in July 2003. The aims and

Objectives are

- ① To help the students by providing books related to their courses
- ② To assist the poor students of the department
- ③ To creat reading habits among the students
- ④ To provide an oppportunity for students to acquire knowledge in various fields by providing new book, journals, paper, magazine, guide books etc.
- ⑤ To fulfill the needs and interest of the students and teachers

7. Wall Magazine

The Department have a Wall magazine name **ECHO**, opened on 14th Nov, 2003.

The aims and objective of the Wall Magazine are-

- ① To create reading and writing habits among the students
- ② To search the hidden talent of the students in different fields
- ③ To provide an oppportunity to the students to express their innovative ideas
- ④ To help the students to gather new knowledge

Montessori Method

Itis noteworthy that the Department has introduced UGC Sponsored Carrier Oriented Certificate Programme i.e Montessori Teacher Training from the year 2013.

Academic Achievements :

During this period the Department has produced as many as 124 Successful Students with Education major including two 1st class by

- | | |
|---------------------------|-------------|
| 1. Miss Gitanjalee Kalita | First Class |
| 2. Miss Chandana Kalita | First Class |

Future plans :

① The Department intend to provide adequate facilities, E-Class room facilities, Job oriented and skill development courses to the students for their all round development and to fulfill needs and demand of department.





DEPARTMENT OF ENGLISH AT A GLANCE

Since the inception of Jawaharlal Nehru College, Boko in the year 1964, the department of English has been playing a significant role in the educational spectrum of this area. At the very initial stage of the College, Late Achyuta Kanta Adhikari in the capacity of honorary part time in-charge principal of the college used to teach English to the students newly admitted in the P.U and I.A Classes of the college. When the college was shifted to its new location in the year 1965, Sri Jatindra Chandra Nath Joinedas the founder Principal of the college after relinquishing his job in the Department of English at Cotton College. In addition to discharging his duties in the capacity of the new Principal of the college Sri J.C Nath was also engaged in teaching English to the students in the college. Subsequently teachers' namely Mr. S.K. Mallik, Mr. P.R. Das, Mrs. D.K. Sangma, Mr. N.M. Das, Mr. A.K. Das, Mr. K.M. Sarma, Mr. D.K. Das and Mr. M.K. Sarma rendered their valuable services teaching students of this college. The present faculties of the department comprise of Sri U.C Kar, Mrs. R Sarma, Mr. P. Tlukdar and Mrs. A Bhuyan. Considering the additional class load contractual teachers are appointed in the department from time to time.

Keeping in mind the demand of the students, English as a major subject was introduced in the department in the year 1998. Students interested or pursuing their studies with English as a major subject are being selected to the course on the basis of the marks secured in their previous examination as well as an entrance test conducted by the department concerned. The maximum capacity of intake to the major courses is 14 (Fourteen).

Responding to the recommendations of the previous visit of the N.A.A.C Peer Term in the year 2004 to the college, a language laboratory has already been set up in the year 2012 in the premises of the college.

The purpose of this laboratory is to acquaint the students, faculties of the college and any other interested person with the communicative skills in English. Keeping this end in view the department of English, J.N. College Boko endeavours to train the faculties and the students of the college to acquire the skill of listening, reading, writing and speaking English Language effectively using the tools provided by the language laboratory.

TEACHING STAFF OF THE DEPARTMENT :

1. Mr. Umesh Ch. Kar, M.A, HoD
2. Mrs. Ratnamala Sarma, M.A.
M. Phil. P.G.C.T.E..
3. Mr. Pulak Talukdar, M.A., M. Phil.
4. Mrs. Alimpa Bhuyan, M.A.

DEPARTMENTAL LIBRARY:

The Department of English has a Library which presently has a rich collection of books numbering 160 for the benefit of students and faculty members. The Library has been created through personal contributions by the Faculty members as well as from amount sanctioned through UGC sponsored MRP undertaken in 2012 by Mrs. R.Sarma

The department of English has various kinds of items within the department procured as well as given by the college administration from time to time for fulfillment of various requirements. The list of items is enlisted in the stock Register of the department.

The Department had formed an association called the English Literature and Language cell in 2003 and under its auspices various academic programmes are organized from time to time. The activities of the cell include



seminars, Literary quizzes, communicative English courses in the in the Language Laboratory etc.

TEACHING METHODS ADOPTED TO IMPROVE STUDENT LEARNIN :

Though the department follows the traditional method of teaching it also endeavors to improve the ability of speaking of the students by training them in the Language Laboratory on aspects of communicative skill of English language. Books from the departmental library are issued to the students to help them augment their knowledge and aid them in a deeper understanding of the subject. There are adequate audiovisual tools, in the College and the faculties of the department make use of these to cater to the requirments of the students. There is vigorous interaction among teachers and students within classes as well as in the department and this offers them scope to clorify their doubts. With the introduction of the semester system the student have also been made familiar with project works and home assignments which are allotted from time to time.

TEACHERS ENRICHMENT ACTIVITES

The faculties of the department attend Orientation Programmes, Refresher Courses, Workshops, National as well as International Seminars for enrichment of their knowledge in different fields of activities. In addition to these M.Phil Degrees have been obtained by Mr. P.Talukdar on Media studies in 2007 and by Mrs. R.Sarma on Women's studies in 2009. Presently Mr. P. Talukdar is pursuing his doctoral degree at IIT, Guwahati.Mrs. R. Sarma has completed a UGC MRP in 2013.

FUTURE PLANS:

The department of English in one of the oldest departments in the college. The strength of the department lies in the band of energetic, young and very active teaching faculties who are ready to meet the educational needs of the students at any time. The greatest weakness of the department is the inadequacy of permanent teachers in proportion to the students for which contractual teachers are appointed to meet the immediate needs of the students. Further the expected quality of the students and the expected performance from them is impeded by their poor socio-economic background. But there is a lot of opportunity to improve the standard of education. We can design a curriculum to develop the communicative skills as well as soft skill of the students and can also introduce need-based courses in English to facilitate employment opportunities. In addition the department needs more faculty members to meet the needs of the students.

Since the introduction of the semester system, the burden of Higher Secondary has become cumbersome for the department with the existing number of faculties, as the teachers have to face a large number of students and classes. Therefore the Higher Secondary classes should be separated from the degree colleges for improved performance of the students at the degree level.It is a heartening and exquisite feeling that the department has completed fifty glorious years along with the college. In this occasion of the celebrations of the Golden Jubilee it seems opportune to once again pledge a commitment to aim for perfection and precision and strive for excellence in this our chosen field of spreading the light knowledge.





DEPARTMENT OF GEOGRAPHY AT A GLANCE

About the Department:- The subject Geography was introduced in Jawaharlal Nehru College during 1979-80 in the Pre- University level (H.S at present). The Department of Geography was established under the patronage and leadership of the then principal Sri J.C. Nath after 14 years of college establishment. Later on, during 1981-82 college authority introduced the subject in under graduate level as one of the subject in general, and major course in the academic year of 1996-97 depending on the needs and demand of the students of the college. Since then the department has been imparting education on Geography with sincere commitment and dedication.

The department has been teaching in both General and Major Courses of Three year degree courses under Gauhati University for the students of both Arts and Science stream. Apart from this, H.S course in both Arts and Science streams are also teaching under the syllabi of Assam Higher Secondary Education Council to cater to the need of the plus-two stage students of this locality. The main aims and objectives of the department is to facilitate higher education in the study of Geography and to use the theoretical knowledge in to practical relevance.

Vision and Mission:

The department has set up the following missions and endeavor to implement the same for the all-round development of the college, department and the students with a broad national out-look. The vision are broadly categorized as follows:-

- (i) To impart education on the geographical knowledge so that the people of this locality can set up a link with natural environment.
- (ii) To discover the hidden talents in the youth and to expose them accordingly to achieve excellence in their day to day life.
- (iii) To develop an attitude, capable of accessing the regional problems in an objective manner.

To achieve the above visions of the department the following mission has been set up:-

1. To introduce post graduate class in Geography.
2. To introduce a carrier oriented programme on "computer and automated cartography".
3. Initiating project for the causes of deforestation in the area.
4. To study the socio economic status of the Tribal people of the locality.
5. To set up a Museum in the department.
6. To conduct field trip for the students to acquaint them with various environmental problems of the locality.

Faculty Profile:

The founder lecturer and head of the Department was Late Trailakya Das and he served in the department from 1979 to 1982. His service for the department was highly appreciated. After Das several teachers namely Mr. Abhinab.Prakash Mahanta, Miss Runumi Deka, Mr. Kanak Haloi, Mr. Jyotish Das, Mr. Paramananda Majumdar, Mr. Bhadra Kanta Sarma, Mr. Bhupen Saikia, Mr. Prasanta Burhagohain, and Mr. Joysankar Hazarika served in the department and left for other services. Mr. Nabin Ch. Mudiar, who served the department for long 26 years as head of the department died in harness in the year 2008. After the demise of N.C. Mudier, Mr. Abani Kr Das, the senior professor of the department took the charge of Head of the Department. In persuing the guideline in rotation of the Headship, Mr. Jugal Kishore Nath has taken the charge of Headship of the Department in October 2013. The present position of the faculty members of the department are given below:-

- i) Mr. Abani Kamur Das, Associate Professor
- ii) Mr. Jugal Kishore Nath, Associate Professor & HOD



iii) Mr. Jitu Rajbongshi, Assistant. Professor

iv) Miss Arundhoti Rabha, Assistant Professor(Part time)

v) Mr. Jiten Rabha, Assistant Professor(Part time)

Student Profile:

The department has offered the Higher Secondary and degree course for the student of both Arts and Science stream. In Higher Secondary course the enrollment is very high. After the opening of the major course in Geography, students showed their interest to study the subject of Geography. In every year all allotted seats are filled up by the students both in Higher Secondary and Degree courses.

From the very beginning of the establishment of the department students of the subject show the best result in the final examination every year. In Higher Secondary final examination a few students can able to secure letter marks in the subject in different years. Subsequently in the three years degree course examination some of the meritorious students obtained the 1st class holding the satisfactory position. The list of the students obtaining 1st class in Degree examination are shown below with academic year:-

- 1 Jiten Rabha
- 2 Bhagyashree
- 3 Tapas Banerjee
- 4 Bidyawati Baishya
- 5 Babita R Marak
- 6 Anshuma Basumatary
- 7 Kalpana Devi

Laboratory Profile:

The department has essential infrastructure facilities to meet the basic needs of the students of the general as well as the major course students. The laboratory of the department is well equipped with instruments for the students. The department is also equipped with Overhead projector, slide projector, digital theodolite, digital planimeter, Automatic weather station, 3 No. of sophisticated G.P.S. To meet the demand of researcher and to contribute a little bit in the study of weather and its related phenomena, the department has set up an Automatic Weather

Station in the campus of the college. The station is functioning properly recording weather related information which will be very much beneficial to the researchers as well as of the students. The department is considering actively to link the weather station with NOAA. The department has established a GIS Laboratory at the end of the 2012 with the financial aid from UGC. The GIS laboratory which is the most important tools for geographical investigation is also maintaining by the department where advance studies and research activities are also can be performed by the researchers apart from the general use of the Major and General students. The instruments and other equipment such as the GIS software and the soft wares related to Weather station are properly maintained by the concerned department. Beyond that experts from JIYA infotech Kolkata and with precise from Guwahati provides necessary support at the time of necessity in maintenance of weather station and GIS labrotary.

Departmental Library:

Apart from the central library of the college there is also a Departmental library to quince the thirst of their academic knowledge to the student of Geography. A departmental library was also set up with the books donated by faculty members, specimen copy from publishers and books from minor research projects conducted by the department time to time with the financial aids from the UGC. So far the stock of the departmental library is reaching to the tune of 215. The stock is consisted of text books, reference books, magazines and journals. The students can borrow books from this departmental library for a period of 15 days. The students find it very convenient since books on geography is only available in this library. Unfortunately, the stock of the library is not satisfactory in comparison to demand of the students.

Departmental Activities:

The department has done different activities time to time for the welfare of the department and benefit of the students as well as for fulfillment of the syllabus of the course. The department organizes at least one student-seminar in each semester. It is mandatory on the part of the students to participate the seminar where students are asked to deliver their speech on a topic



selected by the department relevant to their syllabus. These inculcate the habit of continuous reading and build the capacity to face public. Moreover the department organize seminars in different topics related to the subject of Geography where different resource persons, expert in the relevant topic delivered their valuable lecture. Definitely it has helped the teachers and the students in the development of their knowledge. Keeping pace with the Golden Jubilee celebration of the college the department has organized a National Seminar on 6th and 7th November 2013 on the topic "Forest resources of Assam, Depletion Regeneration and Challenges of Conservation". In the seminar all together 53 research paper were presented by researchers from different parts of the country. Professor Dr. Tomo Riba the eminent Geographer and Professor of Rajib Gandhi University of Arunachal Pradesh who is the visiting fellow in the University of Kyoto of Japan graced the occasion. A band of Resource person from Gauhati University was also present in the two - day long programme of the seminar.

As a part of learning process and since Geography is directly related with the spatial variation of the Earth surface Field study is one of the significant methods of observation in order to acquire firsthand knowledge. Field observations are conducted in both local and outside the state according to the convenience of the department. During last few years the department conducted few field trips to Shillong, Derjeeling, Gangtok-Nathula pass and Kolkata.

So far the department has conducted two national projects with the financial aid of the UGC.

The project are successfully completed under the investigation of A.K.Das the senior faculty member of the department.

J.N.College Boko is a rural college where facilities to acquire knowledge is limited. To support the learning process of the students the department initiates to felicitate the meritorious students every year in a function. This tradition of felicitation obviously encourages the student to do well in the examinations. During last few years students were felicitated by the department.

The department invites some eminent academicians to deliver their valuable lectures . One

of the most important dignitaries is Dr. Haru Hisa Asada of Kyoto University of Japan. He had delivered a valuable lecture on "*Japanese nature and society*" which was very beneficial to the teacher and the students of the department.

Jawaharlal Nehru College Geographical Society was formed in the year 2008 under the patronage of the department for the extension and wide circulation of the subject of Geography. The society organizes seminars, discussions of any topic related to Geography.

Students Activity:

Apart from the class activities, the students of the department of Geography are involved in some other activities such as Seminars, Group discussions, Excursion, Field reports, etc.

As the seminars are mandatory in the semester system therefore all students of the department of Geography are to present seminar papers specially on the topics of their syllabus. The performance in the seminar is taken as a parameter for accessing them in the internal assessment . Besides these, the students of 6th semester of Degree course of Geography have to prepare a project report on a topic selected by the department and the report is to be presented by each surveyor in presence of an evaluating committee. As a part of academic activities the students of Geography department take part in the educational excursion time to time in different destinations. Students of the department organize farewell ceremony for the students of degree final year.

At the end:

The department of Geography has been running smoothly and successfully for a long period of glorious 35 years. During this period the department has tried to acquire valuable achievements to bring pride to the Department and the college too. Teachers of the department have been serving honestly and sincerely for the benefit of the pupil and for the welfare of the college. Lack of adequate teacher stands as inconvenience to the department.



DEPARTMENT OF HISTORY AT A GLANCE

Background:

In order to spread higher education in the field of history the subject was introduced in the college in the year 1964. The subject was selected considering its magnitude and inevitability. The subject was taught as one of the subjects in general course in under Graduate Course and Higher Secondary Course. The Major Course in the department was introduced in the year 1996. The unwarranted impediment for opening Major Course in the subject was conceivably due paucity of fund of the college authority for which the Governing Body of the college was compelled to open Major Course in different subjects in phases.

Aim and objective:

The main aim and objective of the department is to develop the interest about the subject among the students and make them realize the relevance of the past in the present context. The department is also aiming to develop the spirit of patriotism and world brotherhood through the knowledge of the subject.

Courses Offered:

Undergraduate course in both Major and general study. Three Year (semester system) Degree course are available for study. Moreover, Higher secondary course is also available.

Past Faculty Members :

1. Mahendra Nath Das, M.A., Lecturer (1964-1971)
2. Dineswar Deka, M.A., Lecturer (1966-1968)
- 3 Dr. Sunil Pawan Baruah, M.A., Lecturer (1971-1974)
- 4 Dwijendra Nath Das, M.A., Lecturer (1968-2005)
- 5 Lakshi Kanta Sarmah, M.A., Asso. Prof. (1974-2011)
6. Mrs Anita Rabha, M.A., (Contractual)
7. Mr. Gunabhiram Kalita , M.A., (Contractual)

Present Faculty Members :

1. Mr. Diganta Kumar Das, M.A., M.Phil. Asst. Prof. (1998-)
2. Jutika Patir, M.A., M.Phil, Asst. Prof. (2013-)
3. Mr. Prema Doley, M.A., (Contractual)

Late Mahendra Nath Das was the founder teacher of this department who served the department from 1964 to 1971. Late Dineswar Deka also served in the department for a period of two years (1966-1968). In the year 1971, Dr. Sunil Pawan Baruah joined in the department and served the department up to 1974. He is a critic and prolific writer who have contributed several articles on international politics. Mr Dwijendra Nath Das and Mr Lakshi kanta Sarmah were another two teachers who served the department. Dwijendra Nath Das had rendered service for a long period of 37 years. He retired both as the Head of the Department and Vice-principal of the college in 2005. Lakshi Kanta Sarmah also had retired both as Head of the department and Vice Principal with a long period of 37 years from this college in 2011. Besides a sincere teacher Mr. Sarmah is actively involved in various socio-educational activities of Boko area.

At present the enrolment of the students in the department of History is not much encouraging probably due to the improper educational policy of the Government. Moreover, the department is running by two permanent faculty members with one or two contractual teacher. In spite of these shortcomings the department is committed to render its service at its best care and ability to contribute in the venture of making the institution a glorious one in every way.

Important Academic achievement:

In the academic session 2012-2013, the Department pass percentage of B.A.(I+I+I) Final (Major) examination was 100%. Two of the students had secured first class .One of them had also secured distinction mark.

Name of the students with first class:

1. Miss Jahanara Begum (distinction)
2. Miss Gita Mahanta



Now both are studying Master Degree in the same subject in Gauhati University.

Infrastructural facilities:

Library, internet facilities for staff & students and class rooms with ICT facility etc are in the department.

Enrichment Programmes for the students:

Various academic related programmes like seminars, workshops, field study and educational tour, Quiz competitions have been conducted by the department. A wall magazine entitled 'RUPANTAR' was opened so that the quality of creative writing of the students can be brought into light.

Future action plan of the Department:

Sincerity, devotion, punctuality and regularity of the teachers are the strength and assets of the department. The department is speculating for the formation of a Historical museum so that the significant historical monuments can be preserved. It is also planned by the department to hold some programmes like Quiz and speech competition on the topic of historical importance on the state level. Similarly department has an aim to initiate research activities and to hold national seminar and workshop and to pursue some minor research projects in the days to come.

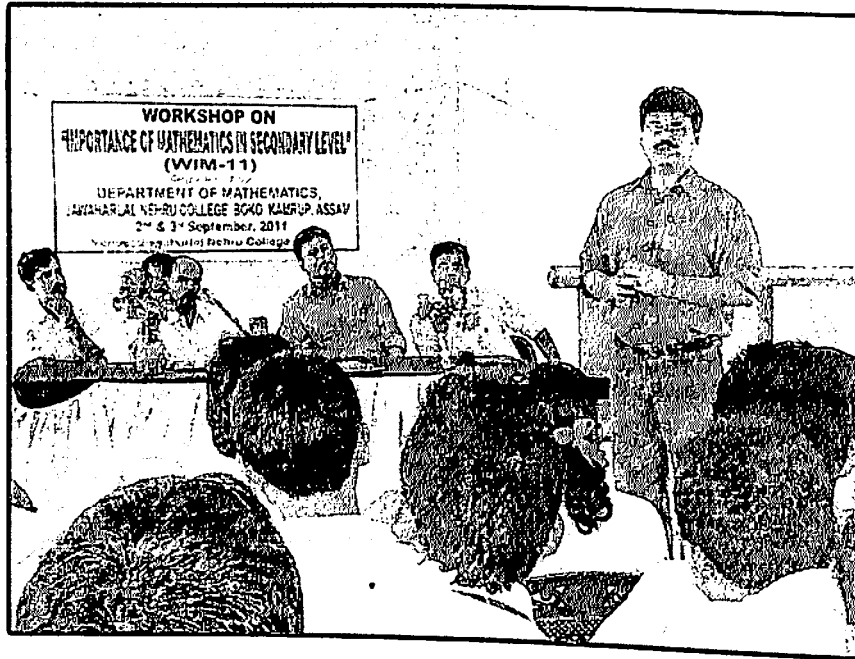
**Prepared by faculty members
Department of History**

‘মানুহক বিশেষীকৃত জ্ঞানৰ শিক্ষা দিয়াটোৱেই যথেষ্ট নহয়। ইয়াৰ যোগেদি মানুহ এটা ভাল উপকাৰী যজ্ঞ হ'ব পাৰে, কিন্তু সু-সংহতভাৱে বিকশিত ব্যক্তিত্ব ইয়াৰ যোগেদি গঢ়ি নুঠে। সৌন্দৰ্যৰ প্ৰতি নৈতিকভাৱে মঙ্গলৰ প্ৰতি তেওঁৰ এক স্পষ্টবোধ থকা দৰ্কাৰ, সেয়ে নহ'লে তেওঁৰ সমস্ত বিশেষীকৃত জ্ঞানেৰে সৈতে তেওঁ এটা সু-প্ৰশিক্ষণপ্ৰাপ্ত সাৰমেয়েহে হৈ উঠিব, এজন সু-সংহতভাৱে বিকশিত ব্যক্তি নহয়’।

— এলবাৰ্ট আইনষ্টাইন



DEPARTMENT OF MATHEMATICS AT A GLANCE



1. Name of the Department : Department of Mathematics

2. Objectives:

- To develop knowledge of pure and applied mathematics.
- To popularize the subject among students.
- To provide quality education among students.
- To produce quality students.
- To motivate and to start research works among our students.
- To work hard to expose the talent and inherent potentiality of students so the department can render service for the progress and prosperity of this locality.

3. Mission: The purpose of higher education, in general, is to create a good society, not only by developing an individual alone, but also by serving a social purpose which is very important for the well-being of a 'nation' as a whole. We create facilities for higher education in mathematics by admitting the students from Higher Secondary level to its feeder areas.

4. Departmental History: The science stream of J. N. College, Boko was established in the year 1986 with five subjects: Physics, Chemistry, Mathematics, Botany and Zoology in the H. S. Courses. Mathematics was introduced as one of the subjects in under graduate courses in both the streams (Arts & Science) with due acquiescence of Gauhati University in the year 1993 and 1994 respectively. The Major Course in the subject was started in the year 1994.

Mr. Rudra Deka was the founder lecturer of the department and he served in the department upto 1987. Many lectures came and left the department from its inception till 1990. Among them Mr. Ghanasyam Goswami (1987-1988), Mrs Nibha Barman (1988), Miss Ujala Devi (1988-1989), Miss Gita Rani Kakati (1989-1990), Miss Sagarika Kalita (1990) and Miss Gayatri Das (1990-1991) were the mains who contributed a lot for the department.

5. Present Faculty Members :

- Teaching -04 and Non-teaching - Nil
1. Mr. Dhiraj Kr. Das MSc. M.Phil. PGDCA



2. Dr. Nabajyoti Das MSc. Ph.D.
3. Dr. Alok Das MSc. Ph..D. (HoD)
4. Dr. Dipankar Sarma M.Sc. Ph..D. B.Ed.,

PGDHRM

6. Academic Activities :

a. The average final examination results of mathematics major and general students in last five years is 95%.

b. The number of publication by the faculty members:

Papers in International Journals	: 42
Papers in National Journals	: 13
Articles in Magazines	: 35

c. Research scholars of the department :

Ph. D	: 01
M.Phil.	: 05

d. Record of Seminar/Workshop Conducted by the Department:

The Department of Mathematics has been organized so many seminars/ discussions with the students and especially with the TDC major and general students of Mathematics to give the information on the recent development in the field of Mathematical Science. Moreover a few number of regional level seminar and workshop also have been organized to develop the scenario of mathematics education in the Boko region, to meet the difficulties in Mathematics of the students and teachers in secondary level of this region. Some of the regional seminar and workshop that organized by the Department of Mathematics in the last three years are

1. Workshop in Importance of Mathematics in Secondary Level (WIM-11)- 2nd & 3rd Sep'2011.
Number of participants:131.
2. Seminar on 'Introduction to Sets, Relations and Functions' (SRF-14)-26th March'2014.
Number of participants:103

7. Departmental Library:

The Department sets up a mini library for the benefit of our students. Most of the books in the

Departmental Library are donated by the present faculty members and alumni. All specimen copies are also kept in this library. Present strength of the library as follows:

Total Number of Text Books	: 72
Total Number of Reference Books	: 155
Total Number of Journals	: 18

13. SWOC Analysis:

Strength: Besides normal classes the teachers of the department has been performing research activities. So many research papers are published in reputed National and International journals. Moreover, some research scholars have achieved M. Phil and Ph. D degrees also under the guidance of this department.

Weakness: The department is running with four permanent teaching faculties. So lack of adequate number of permanent teaching faculties is the weakness of the department. The college is situated in a tribal belt area and the number of students having mathematics is very poor. Due to insufficient power supply, infrastructure facilities etc. the department has been facing some problems to teach students with modern technologies.

Opportunity: The adequate library and infrastructural facilities in the college have provided opportunities to both teachers and students to carry out their academic activities without any hindrance. As the location of the college is not so far distant from the mother university, so both teachers and students have opportunities in communication.

Challenge: The challenge of the department is to create the mathematical awareness among the students and communities of this locality. To meet our challenges the department has been working through the "Mathematics Study Circle".

Prepared by
Department of Mathematics

