

DEPARTMENTAL PROFILE

DEPARTMENT OF MATHEMATICS,

G. L. CHOUDHURY COLLEGE, BARPETA ROAD-781315

ABOUT THE DEPARTMENT

From the year of establishment of G. L. Choudhury College, Barpeta Road i.e.1990, UG, B.A. programme was introduced under Gauhati University and in the year 2020 Government of Assam Vide letter no: AHE 594/2018/20 has declared officially the faculty and staff strength of the Science Stream of G. L. Choudhury College and it has started its UG B.Sc. programme from the Academic Session 2021-22. The Department of Mathematics has been introduced from the very inception of the establishment of Science Stream.

In the department, with the approval of Governing Body of G. L. Choudhury College, Govt. of Assam has appointed Dr. Navalakhi Hazarika and Subhrajit Sarma as the Assistant Professors and Dr. Navalakhi Hazarika has been given the charge of the Head of the department. Both of them joined on 26-02-2021. Hereafter, Mr. Arjun Singh Boro, another faculty member of the Department has been appointed by the Govt. of Assam who joined the department as Assistant Professor on 24-09-2022. And they have been working in the department till date.

PRESENT NUMBER OF TEACHING POSTS:

Designation	Sanctioned	Filled
Professor	Nil	Nil
Associate Professor	Nil	Nil
Assistant Professor	03	03
Non-sanctioned Lecturer	Nil	Nil

PROFILE OF THE PRESENT FACULTY MEMBERS WITH NAME, QUALIFICATION AND SPECIALIZATION:(Ph.D./M.Phil./NET/SET).

Name of the Faculty Member	Qualification	Specialization	Year of experience	Designation	Ph.D./M.Phil./NET/SLET
Dr. Navalakhi Hazarika	Ph.D. (G.U.)	Pure Mathematics	15 years	Assistant Professor	M Phil, PhD.
Subhrajit Sarma	M.Sc. (G.U.)	Applied Mathematics	2.3 years	Assistant Professor	SLET
Arjun Singh Boro	M.Sc. (GU)	Applied Mathematics	1.9 years	Assistant Professor	NET (JRF)

PUBLICATIONS OF THE FACULTY MEMBERS:

Name of the Faculty Member	No of Book in Journal/Book in National level with ISSN/ISBN	No of Papers in peer Reviewed Journal in National level / International level	Chapter in Books	Books with ISSN/ISBN with details of Publisher	Book edited	Other Publication
Dr. Navalakhi Hazarika	1	8	1	01 Publisher- Research India Publication	Nil	Nil
Subhrajit Sarma	Nil	5	4	Nil	1	Nil
Arjun Singh Boro	Nil	Nil	Nil	Nil	Nil	Nil

RECORD OF OP/RC/FDP/FIP:

Name of Faculty Member	No. of OP	Details of OC	No. of RC	Details of RC
Navalakhi Hazarika	1	18 May - 17 June 2021 Teaching Learning Centre, Ramanujan College, University of Delhi	1	
Subhrajit Sarma	1	18 May - 17 June 2021 Teaching Learning Centre, Ramanujan College, University of Delhi	1	
Arjun Singh Boro	0		0	

RECORDS OF SEMINAR/ WORKSHOP OF THE FACULTY MEMBERS:

Name of the Faculty Member	Number of Seminar, Workshop and Lecture Programme attended	Details of the Seminar, Workshop and Lecture Programme	Number of Paper presented	Details of the Seminar
Dr. Navalakhi Hazarika	09(Seminar) 03(Workshop)	Enclosed in Teacher's Profile	09	Enclosed in Teacher's Profile
Subhrajit Sarma	04(Seminar) 01(Workshop)	Enclosed in Teacher's Profile	Nil	Enclosed in Teacher's Profile
Arjun Singh Boro	Nil	Enclosed in Teacher's Profile	Nil	Enclosed in Teacher's Profile

Apart from this; all the faculty members of the department of are engaged in several other activities of the institution when they are assigned to perform by the college.

MEETING OF THE DEPARTMENT: -

Since the establishment of the Department, meetings have been held before the commencement of the regular classes of the Semester. However, the Department also

conducts “special meetings” to discuss the progress of the students and any other related issues of the department. In the meeting held before the commencement of regular classes the syllabus of courses was discussed. In the same meeting papers and unit of various classes were distributed among the faculty members. The routine of the department was also finalized. The Department keeps the records of all meeting in respective Proceeding Books.

TEACHING LEARNING METHOD:

Generally, the Department follows the Black Board method of teaching and learning. Practical classes are sufficiently held in the IT laboratory. However, the Department frequently uses other devices like- Departmental Seminar; Panel Discussion, etc. to impart knowledge to the students. The teachers also provide proper information about online resources. They regularly counsel about various career opportunities and motivates for preparation.

What’s App Group is opened for Honours and Regular Students to exchange subject related knowledge and solve any problems faced by them.

EVALUATION: -

Through regular Tutorials; Home Assignment; Sessional Examination and Group Discussion the knowledge of the students are worked out. All the records are preserved and reviewed in the department.

LIST OF EMINENT ACADEMICIAN/SENIOR VISITING FACULTY:

Sl.No.	NAME OF THE VISITORS	DESIGNATION
1	Dr.Utpal Kr. Sarma	Professor; USIC, GU
2	Dr. Bijan Kunda	Associate Professor; Political Science BN college
3	Mr. Jagannath Barman	Former Principal (i.c.), G.L.Choudhury College
4	Mr. Ranjit Kumar Das	Cabinet Minister of PNRD etc. Dept., Assam Govt.
5	Prof. Nazibuddin Ahmed	HoD, Department of Mathematics, Gauhati University
6	Mr. Rama Kanta Bhuyan	HoD, Department of Mathematics, Tihu College
7	Dr. BhagyaJyoti Nath	Department of Mathematics, Barnagar College
8	Dr. Zakir Ahmed	Department of Mathematics, Barnagar College
9	Dr. Dulal Chandra Das	HoD, Department of Mathematics, Barnagar College

10	Mr. Ramen Chandra Deka	Department of Mathematics, B.H. College

STUDENT ENROLMENT IN MAJOR AND GENERAL COURSES:-

Name of the Course/Programme	Session	Total enrolment (1 st Semester)	Total candidates appeared in the last final year	Total passed	% of passed
BSc (Honours)	2021-22	15	12	N/A	N/A
BSc (Regular)		23	11	N/A	N/A
BSc (Honours)	2022-23	09	08	N/A	N/A
BSc (Regular)		21	12	N/A	N/A

STUDENT TEACHER RATIO (Programme wise) :-

Session	Total No of Faculty members	B.Sc. (Honours)		B.Sc. (Regular)	
		Total Enrollment	Ratio	Total Enrollment	Ratio
2021-22	2	15	7.5:1	23	11.5:1
2022-23	3	21	7:1	32	10.7:1

MENTORING:-

The Department has been emphasizing on mentoring of Honours as well as Regular students. From 2021-22 the department started mentoring its students and mentoring is a regular activity of the Department .

PRESENT STATUS OF THE ALUMNI OF THE DEPARTMENT:

The first batch students of Mathematics Honours which were admitted in the year 2021 is still continuing their three-year degree course in the college.

ATTENTION TO WEAKER STUDENT:

The Department pays sincere attention to the weaker and economically poor students of the department. In this regard the department undertakes the following steps:

- 1) The Faculty members also personally furnish Books for such students.
- 2) The student member of “Science Forum” personally collects Books from the passed-out students and distribute among the poor students.
- 3) The department provides special class for the weak student in each semester. However, no record in this regard is kept.

PARTICIPATION IN THE INSTITUTIONAL SOCIAL RESPONSIBILITY (ISR) AND EXTENSION ACTIVITIES :

[1] The Student and the Teacher participate in various (ISR) activities of the college. The Teacher are the members of various Committees and Cells. These committees and cells perform various activities as a part of social responsibility. The Students also actively participate in all such activities.

[2] Dr. Navalakhi Hazarika was appointed as members of various committees of the college. She performs various duties in connection with Admission; Election; Library; Hostel; Code of conduct; Gunotsav; Examination; Evaluation etc. She is the Member of NAAC core committee. She was invited as an external evaluator to Barnagar College during their final project examinations and as Judge in wall magazine competition. She was also joined in Teacher's exchange program with LTK college, Lakhimpur. She also has been the member of the course modulation for vermicomposting and biofloc courses in the college.

[3] Subhrajit Sarma was appointed as members of various committees of the college. He performs various duties like Admission; Gunotsav; Examination; Evaluation etc. He was invited as an external evaluator to Tihu College and Barnagar College during their final project examinations. He was invited as resource person in the National Mathematics Day, 2023 at SSVN, Barpeta Road. He has been the course modulator for vermicomposting and bio-flock courses in the college. He was invited as judge in the District Level Science Model Exhibition on World Environmental Day, 2023 at Barnagar College.

[4] Arjun Singh Boro was appointed as members of various committees of the college. He performs various duties like Admission; College Week; Gunotsav; Examination; Election; Evaluation etc. He is also a Member of NAAC core committee of the college.

SWOC:

STRENGTH: Co- ordination among the students and teacher, active participation of students and teacher in the teaching learning and Extension activities.

WEAKNESS:

- Collection of Book in DEPARTMENTAL LIBRARY is very weak.
- Some students are financially poor.
- Most of the students are from remote area.
- No source of income of the department.
- IT facility in the department is limited.

OPPORTUNITIES:

- To open PG COURSE.

- There is a great opportunity to inculcate scientific temper amongst the students so that they can apply this in practical situations.

CHALLENGES:

- Lack of sufficient books of vernacular medium.
- As most of the students are from vernacular medium, they face difficulty to follow lecture in English.
- Poor academic performance at the entry level.

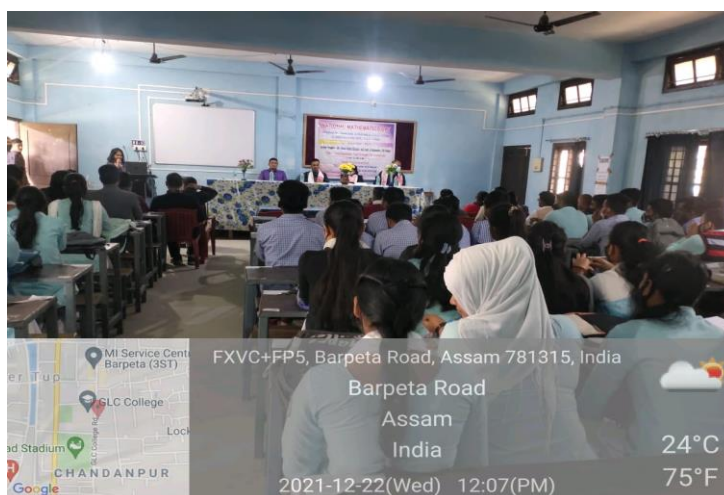
FUTURE PLAN:

- To organize National Seminar/Workshops.
- To enrich the Departmental Library.
- To make the SCIENCE FORUM more active.
- To publish Departmental wall magazine

FACULTY PROFILE:

1. Dr. Navalakhi Hazarika: [Dr.-Navalaxmi-Hazarika-1.pdf \(glcc.ac.in\)](#)
2. Mr. Subhrajit Sarma: [Subhrajit-Sarma.pdf \(glcc.ac.in\)](#)
3. Mr. Arjun Singh Boro: [Arjun-Singh-Boro.pdf \(glcc.ac.in\)](#)

DEPARTMENTAL PHOTO GALLERY:



Celebration of National Mathematics day, 2022



Mr. Rama Kanta Bhuyan, HoD, Department of Mathematics, Tihu College, Resource Person, National Mathematics day, 2022



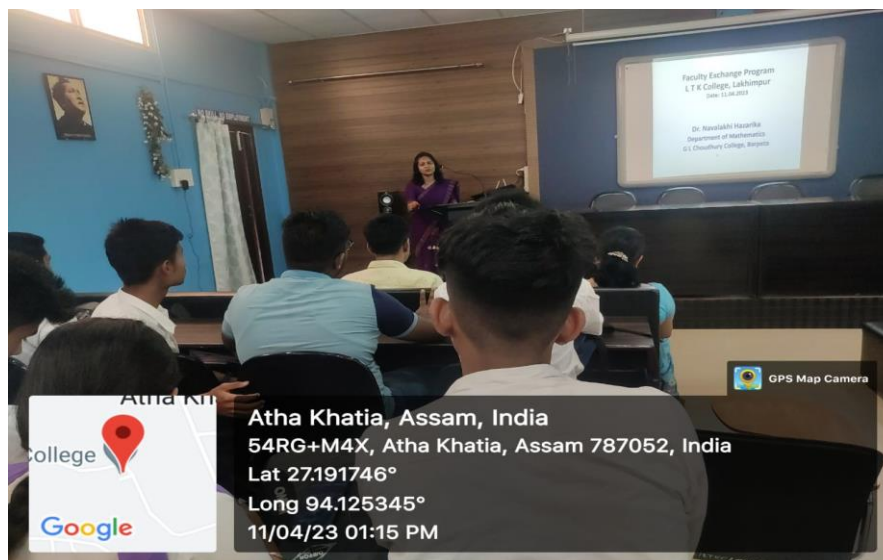
Dr. Dulal Chandra Das, Assistant Professor, Department of Mathematics, Barnagar College, in prize distribution ceremony of speech competition, National Mathematics day, 2022



Prof. Nazibuddin Ahmed, HoD, Department of Mathematics, Gauhati University during his visit to the Department



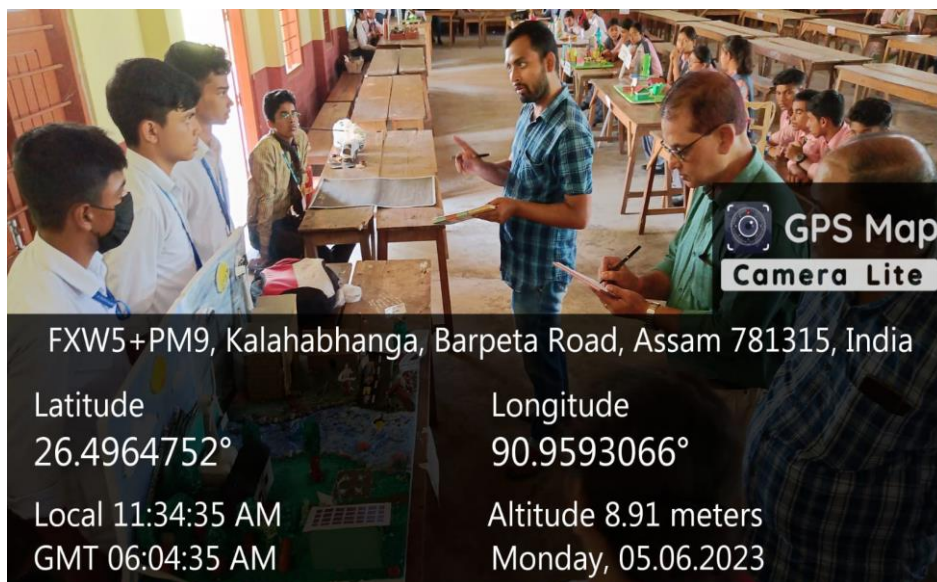
Mr. Subhrajit Sarma as a resource person, National Mathematics Day, 2022 at Sankardev Sishu Vidya Niketon, Barpeta Road



Dr. Navalakhi Hazarika in Faculty Exchange Program, L.T.K. College, Lakhimpur



Dr. Navalakhi Hazarika as judge of Wall Magazine Competition of College Week, 2023 at Barnagar College



Mr. Subhrajit Sarma as judge of District Level Science Model Competition, World Environment Day, 2023 at Barnagar College



Afzal Hussain, a student of B.Sc. 2nd semester is receiving prize on Speech Competition, College Week, 2023



Students of Mathematics Department with 2nd prize in the stall of Bhogali Mela, 2022 held at College

THANKS----PREPARED BY DEPARTMENT OF MATHEMATICS, G.L. CHOUDHURY
COLLEGE; ASSAM