

DEPARTMENTAL REPORT

Mathematics

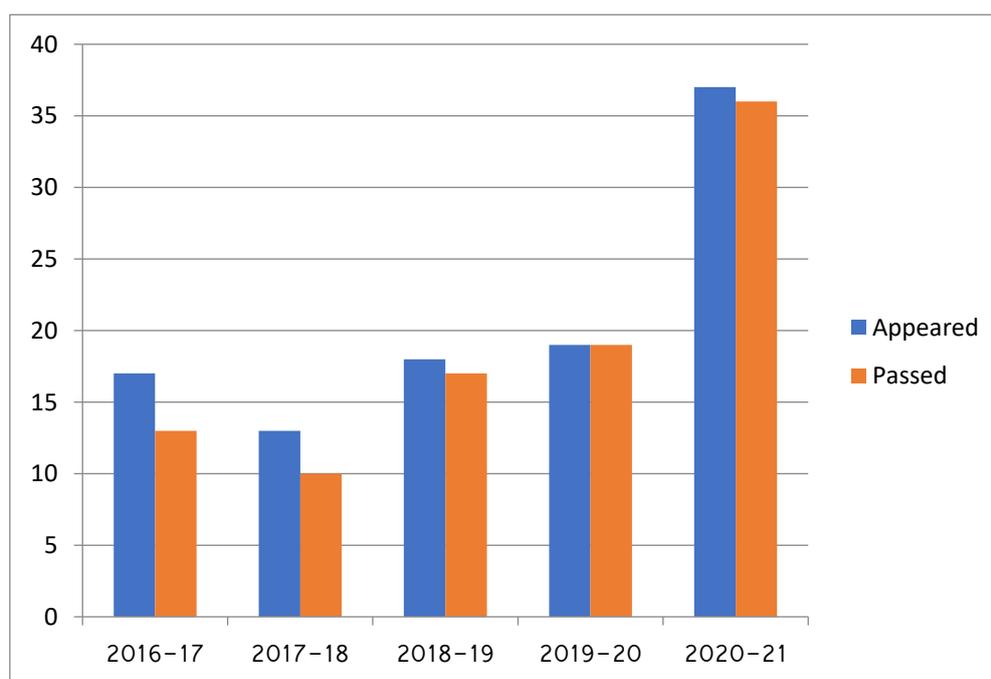
(From 2017-2022)

1. Achievements:

a). Academic (from 2017-2022)

YEAR	Appeared	Passed	Class/Division	Pass %
2016-17	17	13	1st class-4 2 nd class-9	76.47%
2017-18	13	10	1st class-0 2 nd class-10	76.92%
2018-19	18	17	1st class-3 2 nd class-14	94.44%
2019-20	19	19	1st class-15 2 nd class-4	100%
2020-21	37	36	1st Class- 32 2 nd Class-2 Simple Pass-2	97.29%

Bar-Chart representation of Appeared and Passed out:-



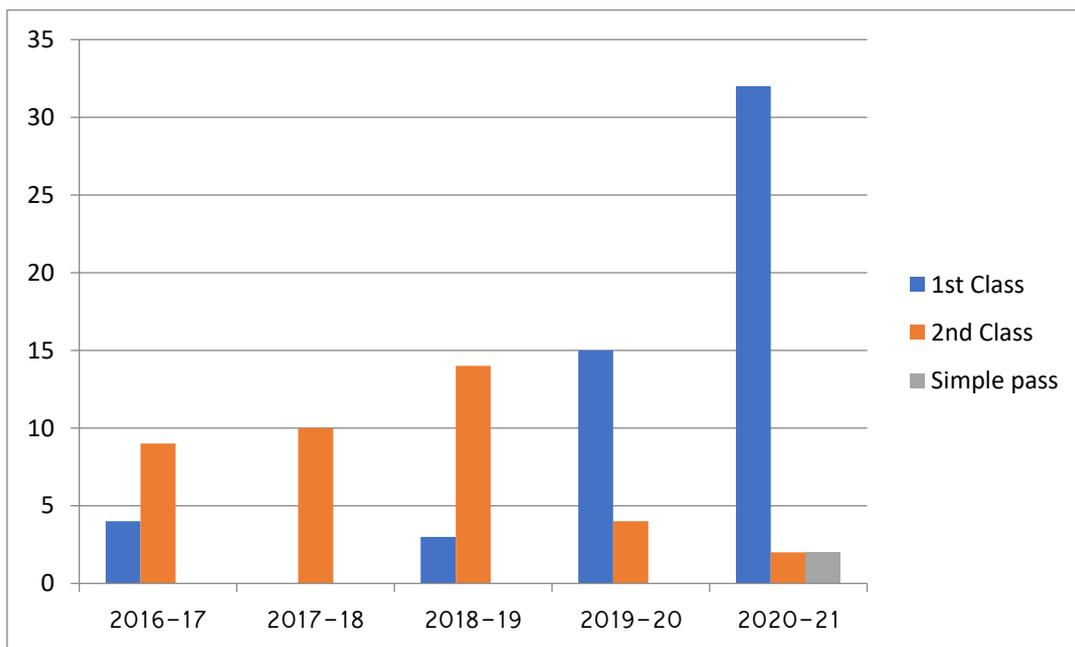
b). List of 1st class holders in final B.A/B.Sc. Examination:

(Last 5 years)

Sl. No.	Name	Passed out year	Percentage	Results	Current Status
1	Sunit Das	2017	63.64	1st Class	Completed M.Sc. Form D.U in 2019
2	NarenGogoi		66		
3	Tapan Kr. Baruah		60		Completed M.sc from Kaaziranga University in 2019
4	Biraj kr. Bhuyan	2017	64		
5	RishmaDoley	2019	60.79		
6	Jyoti Shankar Hazarika		61		
8	Prahlad Das		63.64		Doing M.Sc. in D.U
9	Rakesh Saikia		74.8		Doing M.Sc. in D.U
10	Sarbananda Mili		70.8		
11	Biki Borah		76.36%		Doing M.Sc.at G.U
12	Hirak Jyoti Sonowal		70.29%		
13	Jeeban Sarkar		67.43%		
14	Tonish Mili		68.57%		
15	Tarali Baruah		68.57%		
16	Debasri Dutta		63.43%		
17	Pankaj Saikia		66.60%		
18	Devajit Dandia		63.35%		
19	Pinku Saikia		64.57%		
20	Priyabrat Kashyap		66.35%		
21	Bhairab Kr. Nath		2020 & 2021		65.14%
22	Uma shankarPegu	64.36%			
23	Juganta Madhab Borah	65.64%			
24	Dharma Payeng	61.79%			
25	Anandaram Mili	66.71%			
26	Anupam Borah	61.64%			
27	LakhyajitBoiragi	65.55%			
28	Chiranjiv Pegu	69.00%			
29	Dandiram Mayong	67.21%			
30	Himanshu Sonowal	71.79%			
31	Partha Protim Hazarika	65%			
32	Rahul Sonowal	68.07%			
33	Bikash Sarmah	63.64%			
34	Uday Mili	64.00%			

35	Naresh Doley	63.33%	
36	Basanta Borah	60	
37	BhagyaramDoley	63.29%	
38	Abhijit Doley	61.00%	
39	SalienPegu	61.14%	
40	DuluSaikia	60.5	
41	ParthaSaikia	60	
42	Mohan Taid	64.04	
43	Kushal Mili	63.64	
44	Saurav Taye	67	
45	MouchakPegu	63.36	
46	ProsenjitPatir	64.21	
47	Dipak Doley		
48	Hari Krishna Bharali	60.43	
49	Kalyan Saikia	60.57	
50	Mridu Pawan Das	69.79	
51	Pulak Hazarika	68.50	
52	Purukhuttam Doley	63.86	
54	Rajesh Payeng	66.10	
55	Samim Ahmed Al Amin	63.93	
56	Madhab Doley	66.07	

Bar- Chart representation of 1st class holder in last five years



b). Cocurricular and Extra curricular:

- A student name Satyajit Borah holds an Assam Books of Records portraying Dr. Bhupen Hazarika by using 129 nos. of Countries in the world.



- Department got 1st position in Cultural procession during college week 2021



- Department got 3rd position in wall magazine competition held during college week 2021



- Three student Pabitra Doley, Bhaskar Doley and Priyobrat Gogoi achieved 3rd position in All Assam Quiz competition on Mathematics organized by Assam Academy of Mathematics in Biennial conference held on 30th April 2022 at L.T.K. College



2. Activities under department :

- ❖ We conduct departmental seminars in each semester -. Some of them specified here with photographs
 - The departmental seminar was conducted on 01-12-21 for 2nd , 4th and 6th semester student, for 1st, 3rd and 5th Semester on **21-12-22** and 2nd , 4th and 6th semesters were conducted on **09—06-2022** and **10-06-2022**. In presence of all faculties of the department of Mathematics, students presented their papers individually or in groups through PPT. The topic-wise paper was prepared in Microsoft power point or pdf format. It was decided that the best presenter will be awarded in the coming felicitation programme. This is one kind of regular academic activity of the department. It helps student to increase their presentation ability as well as conceptual thinking.





- A workshop was organized on the topic **“Some Aspects of fundamental Geometry and Number theory and career prospects in Mathematics”**- delivered by Prof. Khanin Chowdhury, Prof. emeritus, G.U on **21-08-2017**.



- A talk by Principal Dr. Bubul Kr. Saikia, on “Career opportunities in Mathematics” in front of students of Mathematics on **12-07-2019**
- The workshop was held at the conference hall of LTK College on 29th April 2022. The workshop was presided over by the HoD, Sri Manash Protim Borah, in the presence of Retired professor Dr. Tarakeshwar

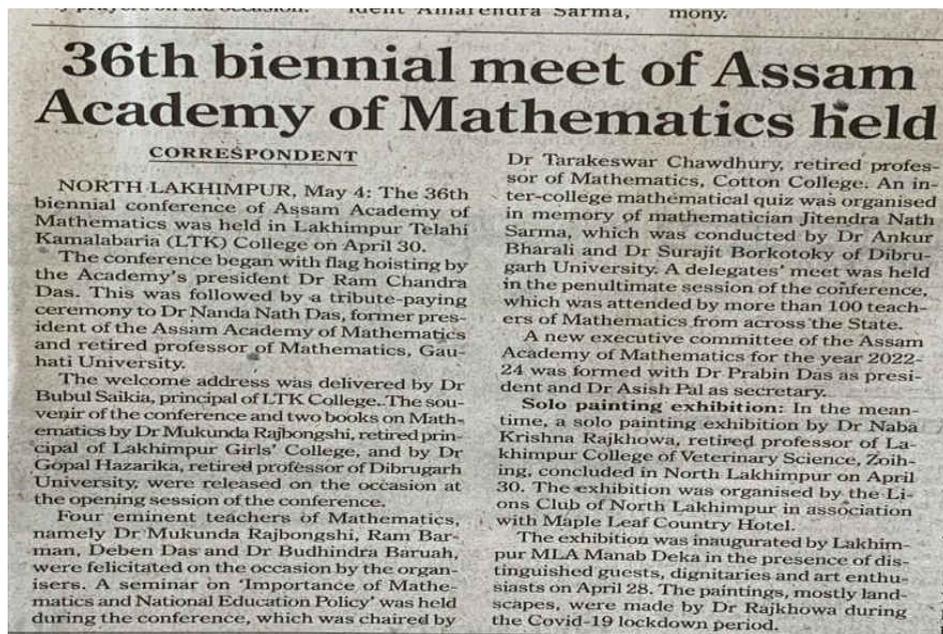
Chowdhury, Retired HoD, Department of Mathematics, Cotton College, and Vice-Principal Sri.Bidyut Chutia of L.T. K College. At first, the resource person and Vice-principal were felicitated by the department. All the departmental teachers, namely Mrs. Swapnali Borgohain, Rinku Dutta, Priyanka Dutta, Archana Borah besides, Mr. Manoj Neog, Dr. Debajit Dutta, Marami Gohain, Rashmi Rekha Dutta and around 70 students were present in the workshop. The workshop's objectives were **the popularization of mathematics among students and some daily utilization of mathematics in life**. Resource person Dr. T. Chowdhury elaborated the mathematics utilization through a day to day small example and explained nicely.. The student was benefited very much. Besides, an add-on course on Introduction to Latex was inaugurated by Dr. T. Chowdhury among students of 6th and 4th semester students of the department of Mathematics.



ONE DAY WORKSHOP ON MATHEMATICS
AND
INAUGURATION PROGRAMME OF ADD ON COURSE
By: Dr. Tarakeswar Choudhury
Retd. Professor. Cotton College
in Collaboration with IQAC, L.T.K. College
Department of Mathematics, L.T.K. College
AZAD, NORTH LAKHIMPUR DATE: 29-04-2022



- ❖ Department organised 36th Biennial conference of Assam Academy of Mathematics on 30th April 2022. Many mathematician participated in the conference across the state. A talk delivered by Retd. Professor Dr. Gopal Ch. Hazarika of Dibrugarh University on the topic “Awareness of Mathematics education and NEP 2022”. A quiz programme was conducted by Prof. Ankur Bharali, Dibrugarh University. Number of books were inaugurated in the conference and felicitated Dr. M. Rajbongshi, Deben Das and Sri Ram Barman and Dr. Buddhindra Baruah.





- ❖ A departmental farewell of 6th semester was organised in every year after completion of course of 6th semester and before the final examination to be held. Some snapshots of farewell of last two years. Since the students of the department are tied a knot with each other as a one family. So, it realizes the emotion about bonding

Students of the year 2021.





- ❖ A departmental syllabus distribution and class distribution meeting was conducted at the beginning of the semester classes commencement (odd and even) each year. Sometimes paper-wise and sometimes topic-wise syllabus were distributed among teachers. Also, sometimes shuffling the syllabus after an interval of two years or three years. Moreover Class routine was distributed among teachers by allotting their period. We, department allot teachers' name in each period and prepare our own routine by keeping the time same as general routine. Also, we add some remedial classes, ICT classes and Add on classes depending upon our convenient time.

Year	Date	Discussions	Remarks
2016	26-05-2016	Distribution of syllabus for odd semester syllabus among teachers	
	21-08-2016	Discussion on 1 st Sessional examination and publishing departmental wall magazine	
2017	03-01-2017	Discussion on odd and even semester syllabus distribution among teachers and taking steps for Sessional examination and semester examinations	
2018	02-01-	Discussion on odd and even	

	2018	semester syllabus distribution among teachers and	
2019	06-01- 2019	Discussion on odd and even semester syllabus distribution among teachers and	
	05-08- 2019	Discussion on odd semester syllabus distribution among teachers and	
2020	02-01- 2020	Discussion on even semester syllabus distribution among teachers and taking steps for students who are absent in the class	From May 2020 to June 2020 online classes were conducted due to lockdown for COVID- 19
	03-08- 2020	Discussion on semester syllabus distribution among teachers and	
2021	01-01- 2021	Discussion on odd semester syllabus distribution among teachers	
2022	24-03- 2022	Discussion on odd semester syllabus distribution among teachers	

Year wise departmental routine:-

During 2022 (even semesters) w.e.f 24.03.22 (sample copy)

Daily Class Routine Department Of Mathematics(W.e.f.-24-03-2022)									
	Classes	9.00-10.00	10.00-11.00	11.00-12.00	12.00-12.45	12.45-1.30	1.30-2.15	2.15-3.00	Total
MON	B.sc 2nd	Major(AB) (Math)	Practicals/ICT	GE(SB) 111	Major(MPB) 114				
	B.sc 4th	Major(MPB) 115	Practicals/ICT		Major(Rd) math		GE(RD) math	Major(SB) math	
	B.sc 6th		Major(RD) math	Major(AB) 114		Major(SB) math	Major(MPB) 108		
TUE	B.sc 2nd	Major(SB) math	GE(MPB) 115	Practical	Major(RD) math			ADD ON class	
	B.sc 4th			Major(RD) math	GE(AB) Hall	Major(SB) Math	Major(AB) math	Practicals/ ICT (SB)	
	B.sc 6th		Major(AB) math	Major(SB) 114		Major(MPB) conf	Major(RD) conf		
WED	B.sc 2nd	Major(MPB) math		GE(SB) OCL	Major(AB) math		Practicals/ICT		
	B.sc 4th		Major(RD) conf	GE(RD) conf		Major(MPB) math	Major(SB) math	Practicals/ ICT	
	B.sc 6th		Major(AB) conf	Major(MPB) math	Major(SB) conf		Major(RD) conf		
THU	B.sc 2nd		Major(RD) 115		Major(SB) 115	GE(MPB) conf		ADD ON class	
	B.sc 4th	Major(RD) math		Major(MPB) math	GE(AB) math	Major(AB) OCL			
	B.sc 6th		Major(MPB) math	Major(AB) conf		Major(RD) math	Major(SB) math	ADD ON class	
FRI	B.sc 2nd	Major(AB) math		GE(SB) conf	Major(MPB) math				
	B.sc 4th			Major(MPB) math	GE(RD) 115	Major(AB) math	Major(SB) math		
	B.sc 6th		Major(RD) math	Major(AB) OCL		Major(SB) conf	Major(MPB) Conf	ADD ON class	
SAT	B.sc 2nd	Major(SB/RD) math			Major(RD/S B) math	GE(MPB) 114		ICT (RD)	
	B.sc 4th		Major(AB) math		GE(AB) conf	Major(SB) math	Major(MPB) math		
	B.sc 6th		Major(MPB) conf	Major(AB) math	Major(SB) OCL		Major(RD) conf	ADD ON class	

During 2017-18, 2018-19, 2020-21 (Lock down period-online), 2021-22 : Xeroxed copies are enclosed herewith

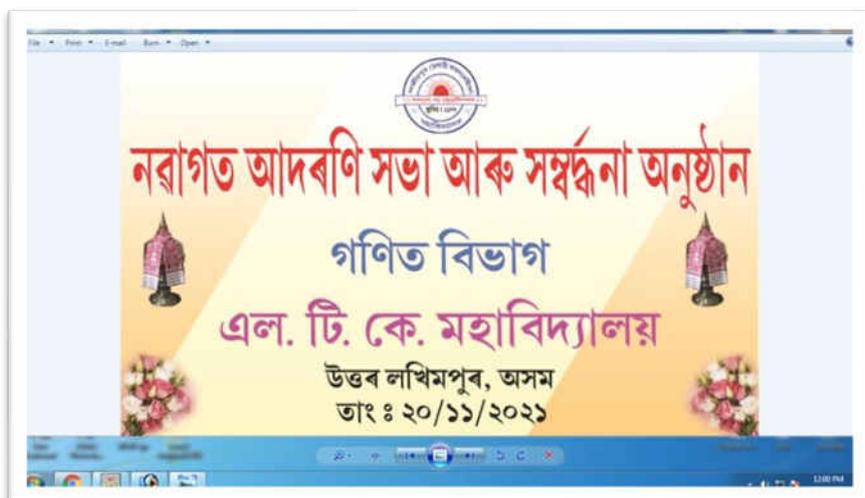
❖ Departmental freshmen social is organized in each year :-

Some snapshots of departmental freshman social. To welcome the new batch from the department we conduct this programme



- ❖ Departmental felicitation program was organized and felicitated all those students who secured 1st Class in Mathematics honours with Gamusa, Books and felicitation certificate on **20th Nov 2021** on **20th Nov 2021**.

❖



- ❖ A departmental educational tour was organized in each year

The aim of the educational tour is to explore knowledge through nature. The department is scheduled a tour in every year. In 21st January 2018, we went to Sissa , Narayanpur, Next two years are not scheduled due to Covid Pandemic. In year 2021 we scheduled two times for two batches.

Year	Date and Place	Outcome
2018	21-01-2018 , Sessa, Narayanpur	To explore knowledge through nature, refreshment, free from hectic study scheduled which rejuvenate student for further study.
2021	31-01-2021, Jiadhal, Dhemaji	do
2021	19-12-2021, Gerukamukh, NHPC	do





- ❖ A guardian meet was organized
- ❖ A alumni meet was organized
- ❖ Prepare departmental wall magazine in each year during college week



3. Departmental Alumni and Placement :

There are total 104 nos of alumni in the department of mathematics during last five years. We keep in touch with a whatsapp group.

We formed 5 nos. of whatsapp group. Last two years we have been taking feedback through google form and we collect data



Link : <https://forms.gle/jTgtWKdAA8hzkmZt8>

Roll No	Name	Current Status
1	Bhiraj kr. Bhuyan	Private School Teacher
2	Biswajit Rajkhowa	Company seller
3	Basanta Pegu	
4	Robin sharma	
5	Joyjiban Gohain Baruah	
6	Dinakanta Pegu	
7	Baba Pegu	Private teacher
8	Maliram Chungkrang	
9	Shyam kanu Patir	
10	Tapan Baruah	Teacher, Completed M.Sc
11	Khirud Pegu	
12	Prabhat Doley	Assistant teacher(LPS),govt
13	Kripanath Pegu	
14	Jadu Pegu	
15	Kangkan Sonowal	
16	Sunit Das	Teacher, Completed M.Sc.
17 (Arts)	Naren Gogoi	Teacher

YEAR	Total Alumni
2016-17	17
2017-18	17
2018-19	18
2019-20	21
2020-21	37
2021-22	17
Total	127

List of students for the year 2017

List of student for the year 2018

Sl.No	Name	Current Status
1	Arun Kr. Chetry	Operator, Office of the Executive Engineer PHE & Water supply division
2	Biruchi Chutia	Channel Partner , ICICI , Lakhimpur
3	Biswajyoti Saikia	
4	Dipankar Doley	
5	Dipankar Rajkhowa	Company Job
6	Jugal Borah	Company Job
7	Jyotish Doley	
8	Kirip Ch.Narah	
9	Lakhi Prasad Gogoi	
10	Pulin Doley	
11	Pranjal handique	Self employed
12	Rakibul Haque	
13	Ranjan Doley	
14	Rengam Taid	
15	Sailen Doley	
16	Santosh Chetia	Completed M.Sc. form RGU
17	Santanu Doley	

List of student for the year 2019

Sl No	Name	Current Status
1	Arun Thapa	
2	Bhabesh Rajkhowa	
3	Bikash Hazarika	
4	Dinonath Horo	

5	Himanshu Chayengia	
6	Imamul Haque Chowdhury	
7	Jagdish Nath	
8	Jyoti Prasad Pegu	
9	Krip Chandra Narah	Company Job
10	Milan Newar	
11	Nagen Pegu	
12	Prahlad Das	Pursing M.Sc. form D.U
13	Raja Doley	
14	Shankar Pegu	
15	Satyajit Chutia	
16	Sewali Payeng	
17	Jyoti Shankar Hazarika	Pursuing M.Sc. From D.U.
18	Reshma Doley	

List of students for the year 2020

Sl. No	Name	Current Status
1	Abhijit Doley	
2	Anjoy Adhikary	
3	Bhagyaram Doley	
4	Basanta Borah	
5	Bhorot Pegu	
6	Basanta Doley	
7	Dipak Doley	
8	Dambaru Pegu	
9	Dulu Saikia	
10	Hari Krishna Bharali	
11	Kalyan Saikia	
12	Kushal Mili	
13	Mohan Taid	
14	Mouchak Pegu	
15	Partha Saikia	
16	Prosenjit Patir	
17	Rakesh Saikia	Pursuing M.Sc. in D.U
18	Saurav Taye	
19	Sailen Pegu	
20	Sarbananda Mili	
21	Himanshu Sonowal	

List of students for the year 2021

SI NO	STUDENT NAME	Current Status
1	PARTHA PRATIM HAZARIKA	
2	BIKI BORAH	Pursing M.Sc. in G.U.
3	RAHUL SONOWAL	Preparing for competitive exam
4	MRIDU PAWAN DAS	
5	CHIRANJIB PEGU	Preparing for competitive exam
6	UDAY MILI	Self employed
7	JUGANTA MADHAB BORAH	
8	PULAK HAZARIKA	
9	NARESH DOLEY	
10	UMA SHANKAR PEGU	
11	PINKU SAIKIA	
12	PURUKUTTAM DOLEY	
13	BIKASH SARMAH	
14	DANDIRAM MOYONG	
15	ANUPAM BORAH	
16	ANANDARAM MILI	
17	TARALI BORUAH	
18	JEEBAN SARKAR	
19	DEVAJIT DHANDIA	Self employed
20	RAJESH PAYENG	
21	LAKHAYAJIT BAIRAGI	
22	MADHAB DOLEY	
23	BHAIRAB KR NATH	
24	DEBARSRI DUTTA	
25	PRIYABRAT KASHYAP	Pursuing M.Sc. In D.U
26	DHARMA PAYENG	
27	KULENDU SAIKIA	
28	HIRAK JYOTI SONOWAL	
29	PANKAJ SAIKIA	
30	SAMIM AHMED AD. AMIN	
31	TONISH MILI	Preparing for competitive exam

4. Students Capacity Enhancement Programme (Add on):

- Introduction to LaTeX -30 hours certificate course for Science honours students'

LaTeX is a typesetting software which is commonly used by people working in Mathematics/Science.

Aims and Objectives:

The main aim and objectives of this course are to help students to write academic paper, project, synopsis, theses and books in an easiest method. Also, it aims to enable student to write mathematical terms in an easiest way.

Course Outcome:

It is hoped that after the completion of this course students will

- gain easiest typesetting knowledge to write academic paper, project, synopsis, theses and books
- This has high scope for employability and is a good source of financial income

Editor like **TEXStudio** or online software **Overleaf** should be used for providing training to students

- **Total Nos of Classes and Practical: 30 (Classes:15+Practcals:15)**

Course duration: 30 hours

Seat Capacity: 30 nos.

Syllabus/Module: Total Marks-100

Unit I: The Basics Marks-10

What is LaTeX? Simple typesetting, Latex syntax, Fonts, Type size, formatting text

Unit II: The Document Marks-15

Document Class, Page Layout and style, use package, Page numbering, Listing and Tabbing text, table preparation & figure insertion

**Unit V: Typesetting Mathematics
Marks-15**

The basics, Custom commands, More on Mathematics, different formulas, new operators, Symbols, equations and their numbering, The many faces of Mathematics, theorems etc.

**Unit V: Bibliography
Marks-10**

Preparation bibliography, different style

Unit V: List of contents and Index
Marks-10

Information, formatting, indexing terms, compiling

Unit V: Slide preparation

Marks-10

Framing, sectorial unit, title page, presentation and bibliography

Project work

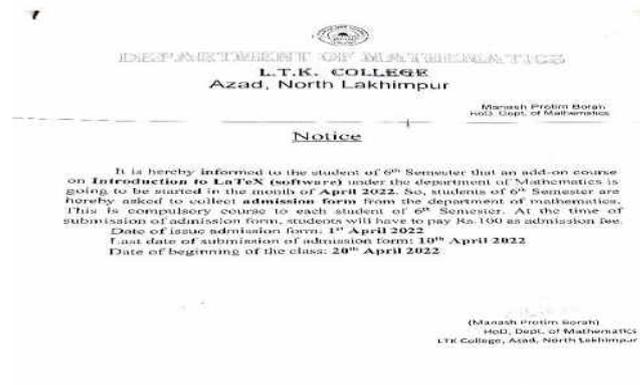
Marks-10

Internal Assessment (including attendance)

Marks-20

Evaluation: Lab exam of 2 hours duration at the end of the course.

The add-on course was inaugurated by Retd. HoD , professor Dr. Tarakeswar Choudhury on 29th April 2022. It is a 30 hours course. Initially we enrolled 18 nos of student of 4th and 6th Sem student.



The list of 2017-18, 2018-19, 2019-20, 2019-20 (Lockdown period) are enclosed (Xeroxed) herewith



- List of 2nd Semester Mentee (Entry year 2021) :Mentor: Manash Protim Borah

Sl. No.	Class Roll No	Name
1	1	Jimpy Borah
2	4	Rajib Sobor
3	10	DevajitTaid
4	19	RansaiKherkaty
5	21	Lakhi Borah
6	24	Priyobrat Sharma
7	29	RampareshPegu
8	36	HorendraKalita
9	37	DiprajKalita
10	49	HemantoDoley
11	54	GaurangaSonowal
12	56	MoheshNgatey
13	63	Raju Doley
14	69	Santosh Pegu
15	74	Mintu Dutta
16	75	MontenPegu
17	78	TrinayanPegu
18	84	Manash Protim Nath
19	87	Hasibul Hussain
20	105	Bikrom Singh Narah
21	112	Prasanta Doley
22	28	MunnaPegu
23	31	Prabin Kr. Baruah

24	162	Manu Regan
25	123	KausikDoley
26	151	Ritik Morang
27	152	Ranjan Saikia
28	157	GunadharChungkrang
29	168	ParthoProtimDoley
30	179	Gaganneel Basing

- **List of 4th Semester Mentee (Entry Year-2020):Mentor :Rinku Dutta**

SI No	Class Roll Nos	Name of Mentee
1	5	Md. Akramul Ali
2	9	Naytan Das
3	10	Krishna Kanta Kaman
4	13	Mridul Borah
5	15	Satyajit Borah
6	24	Sourab Jyoti Phukon
7	32	Laxman Basumatary
8	40	GirindraSaikia
9	41	Jeet Doley
10	43	Nupur Dutta
11	45	LakhinandanChungkrang
12	74	LakhyaKonwar
13	85	MunmunMili
14	94	Hemanta Sut
15	98	DharmajitTayung
16	99	Raja Doley
17	100	Ram Doley
18	123	SantanuGogoi
19	126	Manash PratimChayengia
20	128	BhoratDoley
21	129	Hemanta Borah
22	156	Abhijit Borah
23	199	Aluk Jyoti Pegu
24	222	Rosidul Islam
25	125 (Arts)	Mrinal Pegu
26	125 (Sc.)	Manab Jyoti Doley
27	130	Reba Gogoi
28	153	John Pegu
29	154	Kartik Taid
30	221	Ratul Dutta

- **List of 6th Semester Mentee:Mentor :SwapnaliBorgohain**

Sl. No	Class Roll No	Name
1	16	PabitraDoley
2	20	Bhaskar Doley
3	21	Ishan Doley
4	23	Bhaskar Doley
5	37	Dipak Doley
6	39	Jitu Sonowal
7	48	Ram Mili
8	54	Ghanyashyam Kaman
9	56	Ankur Doley
10	64	Manjit Chutia
11	67	PriyobratGogoi
12	85	Bhaskar Pegu
13	115	Lolit Regan
14	121	Niranjan Borgohain
15	205 (Arts)	Janardon Borah

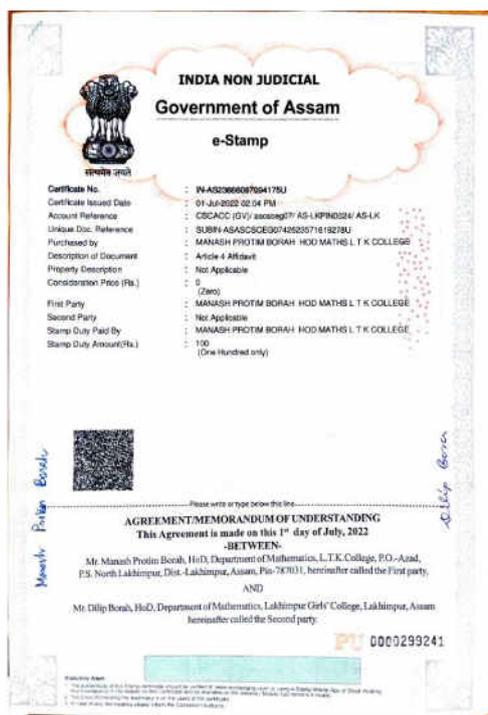
6. Research Project:

A Ph. D. has been pursuing two faculties Mr. Manash Protim Borah from NIT, Arunachal Pradesh and Rinku Dutta from USTM, Meghalaya

7. Collaboration and Linkage:

A MoU has been done on 1st July 2022 with Department of Mathematics, Lakhimpur Girls' College for academic exchange programme of students and faculty, conduction of seminar, webinar and different academic activities.





-2-

The HoD of Department of Mathematics, L.T.K. College, P.O., Azad, P.S. North Lakhimpur, Dist.-Lakhimpur, Assam, Pin-787031 AND, HoD, Department of Mathematics, Lakhimpur Girls' College, Lakhimpur, Assam wish to explore possible areas of research collaboration and scholarly exchange among their students, faculty member for a term of ten years.

Possible activities include:

1. Joint research activities
2. Conducting Seminars/Workshops/Webinars etc.
3. Exchange of academic materials and academic publications.
4. Exchange of faculty member for research, lectures and discussions.
5. Exchange of students for study and research.

Nothing in this MOU will establish exclusive relationships between the parties and each party may freely elect to engage in research and other activities with others.

In witness where of the parties here unto being sound mind and good health and after going for the content herein above contained have put and subscribed their respective hands in presence of the following witnesses on this 1st July, 2022 herein first above written.

WITNESSES

1) *Ridgunt Chatter*

Signature of first party
(Signature)
 Mr. Manash Protim Borah
 HoD, Department of Mathematics,
 L.T.K. College
 Dept. of Mathematics
 L.T.K. College
 Azad, Lakhimpur

Signature of second party
(Signature)
 H O D
 Mr. Dilip Borah
 Department of Mathematics
 Lakhimpur Girls College
 HoD, Department of Mathematics
 Lakhimpur Girls' College, Lakhimpur

8. E-Contents: Available in teach mint, google classroom

Semesters	Using apps/website /medium	Google classroom code	Remarks/Contents
1 st Semester	Google Classroom	cydi7o	1 st -semester reading materials of C.1.1 and C.1.2 in Pdf formats
2 nd Semester	Google Classroom	f3upqgv	2 nd -semester reading materials of C.2.1 and C.2.2 in Pdf formats
3 rd Semester/4 th Semester	Google Classroom	exzv3tz	3 rd /4 th -semester reading materials of honours paper in PDF formats
5 th / 6 th Semester	Google Classroom	rhucbuj	5 rd /6 th -semester reading materials of honours papers in PDF formats
All semesters	Teachmint		Teaching videos of some topics comprising 1 st , 2 nd , 3 rd , 4 th , 5 th and 6 th Semesters

9. Innovative processes adopted by the Department in Teaching and Learning

We use projector and smartboard by sharing our study material in the form of PDF, Slides and Short Videos among students. Also, we visualize some topic in the form of PPT, Model and Graphics. Actually, we have a software name “Mathematica”. With the help of Mathematica, we can visualize some figure, Graphics,Diagrams and results immediately. Besides, we took online classes during Lockdown period in the year 2020 (from April -Oct 20) and in the year 2021(from May-Aug 21)with the help of WhatsApp, Zoom, Teach mint and Zoom app and provides study materials through WhatsApp, Google Classroom, Zoom app and Teach mint.

10. Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility:

As a part of extension activities, we took classes in Gorehoga Higher Secondary School from **10-08-2017 to 18-08-2017**. Similarly, we **took** classes in Bhaskar High School and Pub Telahi High School in Consequent year.

11. ICT usage of the Department :

ICT in mathematics allows for interactive lesson between teachers and students. Some of the topic may make easy understandable if we use ICT. We, the faculty of the department take some classes by using ICT as give below during last five years

Sl. No.	Name of the teacher	Topic Taught
1	Manash Protim Borah	Fluid mechanics, Graph Theory, Linear Algebra and topics of Mathematica
2	Swapnali Borgohain	Numerical Analysis, Topics on practicals,
3	Rinku Dutta	Real Analysis, Abstract Algebra



Outcome :

- ICT classes helps students to proper understanding of topic
- Students are aware about equipped with technology
- Easy solver of some problems of Mathematics

12. Stock Register : There are two kind of stock register-

I. Library Stock Register

II. Asset Register

Xeroxed copy of both are enclosed herewith

13. Best Practices :

Generally, we teachers of the department are maintaining Teacher' Logbook and Teachers Diary by writing teachers' daily activities. It helps us to attach ourselves to the college during college hours.