

DEPARTMENTAL REPORTS

CHEMISTRY DEPARTMENT

L.T.K. COLLEGE

Azad, North Lakhimpur -787031

2021 - 2022

This report is prepared by the Department of Chemistry, L.T.K. College, Azad, North Lakhimpur and submitted to the IQAC. Although, at the end of the session, this report contain detail report of the activity undertaken by the Department of Chemistry L.T.K. College in the year 2020-2021

1. DEPARTMENTAL SYLLABUS

https://dibru.ac.in/wp-content/uploads/2020/02/Chemistry_Honours_Non-Honours.pdf

2. Detail report on results:

Student Progression Report:

YEAR	Appeared	Passed	Class/Division
2020	34	12	DIV-I –11 Div-II- 01
2021	16	16	Div-I

3. Students Mentoring list:

Name of the Students:

Name of Mentor: Dr.Debajit Dutta

- | | |
|------------------------|---------------------|
| 1.Himanka Hazarika | 5 TH SEM |
| 2.Asharani Nath | “ |
| 3.Partha pratim Boruah | “ |
| 4. Raj Regon | 3 rd sem |
| 5. Nihar Ranjan Kalita | “ |
| 6.Indrojyoti Borah | “ |

7.krishna Borah	“
8 Smriti Nath	“
5.Rantu Saikia	“
9. Bhargab Hazarika	“
10.Bhaskarjyoti Kuli	“
11.Nabajyoti Das	“
12.Dhurubajyoti Doley	“
13.Nirutpal Sonowal	“
14.Pranjal Pegu	“
15.Nani Madhab Nath	1st sem
16.Numal Pegu	“
17. Purabi Nath	“
18. Kunaljit Doley	“
19.Chanchal Hazarika	“
22.Banti Kalita	“
23.Himanka Gogoi	“

Name of the Students:**Name of the Mentor: Mr. Biren Kakoty**

1.Khagen Borah	5th sem
2.Devaprotim Dutta	”
3.Zakaria Alom	”
4.Paban Hemron	3rd sem
5.Uday jyoti Dulakasharia	”
6.Manash jyoti Boruah	”
7. Jigyashree Saikia	”
8.Baba Pegu	”
9.Devajit Pegu	”
10.Pavan Chetry	”
11.Priyanka Doley	”
12.Nizara Pegu	”
13.Kaustabh Saikia	”
14.Manash Pratim Bhuyan	”
15.Nipon Doley	1st sem
16.Palashjyoti Borgohain	”
17.Kunal Borah	”
18.Devasish Bhagowati	”
19.Madhab Doley	”
20.Ritupan Saikia	”
21.Simanta Borah	”
22.Pallab jyoti Saikia	”
23.Nishanta Hazarika	”

Name of the Students:**Name of the Mentor: Mrs. Marami Gohain**

1.Bhaiti Doley	5 th sem
2.Biren Doley	”
3.Bikrom Gohain	”
4.Basanta Dutta	”
5.Krishnamoni Borah	3rd sem
6.Subrahma Bhakh jyoti Nath	”
7.Janmantor Dowarah	”
8.Pronati Chungkrang	”
9.Debashrut Gogoi	”
10.Rajani Kanta Doley	”
11.Dipankar Gogoi	”
12.Bokul Kalita	”
14.Biki Dutta	”
15.Rahul Doley	”
16.Lipika Hazarika	1st sem
17.Bibekananda Payeng	”
18.Monikanta Gogoi	”
19.Nilutpal Borah	”
20.Barasha Saikia	”
21.Bishal Borah	”
22.Migam Doley	”
23.Devaram Doley	”

Name of the Students:**Name of the Mentor: Mr. Suman Raj Mahanta**

1.Narendra Das	5th sem
2.Rahul Borah	“
3.Barnali Miri	3 rd sem
4.Minaj uddin Ahmed	”
5.Manabjyoti Saikia	”
6.Jyotisman Mahanta	”
7. Ankita Singh	”
7.Gyandeep Bharali	”
8. 9.Dipankar Das	”
10.Shraaban Kumar Nath	”
11.Anurag Dutta	”
12.Himanshu Doley	1st sem
13.Makhanlal Ram	”
14.Rahul Doley	”
15.Ashifuddin Ahmed	”
16.Dipul Borborah	”
17.Gyandeep Gogoi	”
18.Dipanjal Sonowal	”
19.Kayum Chandi	”
20.Indrani Phukan	”
21.Jayanta Nath	”
22.Suruj jyoti Borah	”

4. Mentoring Details and outcome: -

1. As informed by parents of Sri Bikrom Gohain, BSc 6th semester has undergone depression for last one year, so as the mentor Biren kakoty ,faculty of Chemistry department visited his home and talk to him about career and other related fields and told him that dept. will give extra attention to his studies. His fellow students are informed about him and his problems and asked them to cooperate with him. So that he can cop up with them.

Outcome:

Sri Bikrom Gohain, B.Sc 6th semester has shown improvement in studies and secured 6.8 grade in B.Sc 5th semester examination. He also improved in his intra-personal relationship with his parents, fellow students and teachers. As per information collected he has enrolled in one add on course which indicates his growing interest in studies.

2. After completion of the syllabus, question papers of the previous exam. were discussed in the class (semester wise) and suggestions were provided how to write answers and manage time in examination.

Outcome:

All the students of the dept. showed improvement in understanding different types of questions and answering qualities also improved significantly. They have also learned to manage time in examinations.

3. Students belonging to poor families were provided with assistance in both (case and kind).

Outcome:

Students belonging to poor families were provided financial assistance for purchasing books and other necessary study materials. They were also helped financially to fill up their examination forms.

5. Details of midterm revision of syllabus (Proceeding):

- i. Distribution of syllabus (July, 2021): copies enclosed
- ii. Midterm revision of syllabus (October 2021): copies enclosed
- iii. Distribution of syllabus (January, 2022): copies enclosed
- iv. Midterm revision of syllabus (April 2022): copies enclosed

6.Details of results analysis and outcome (Proceeding)

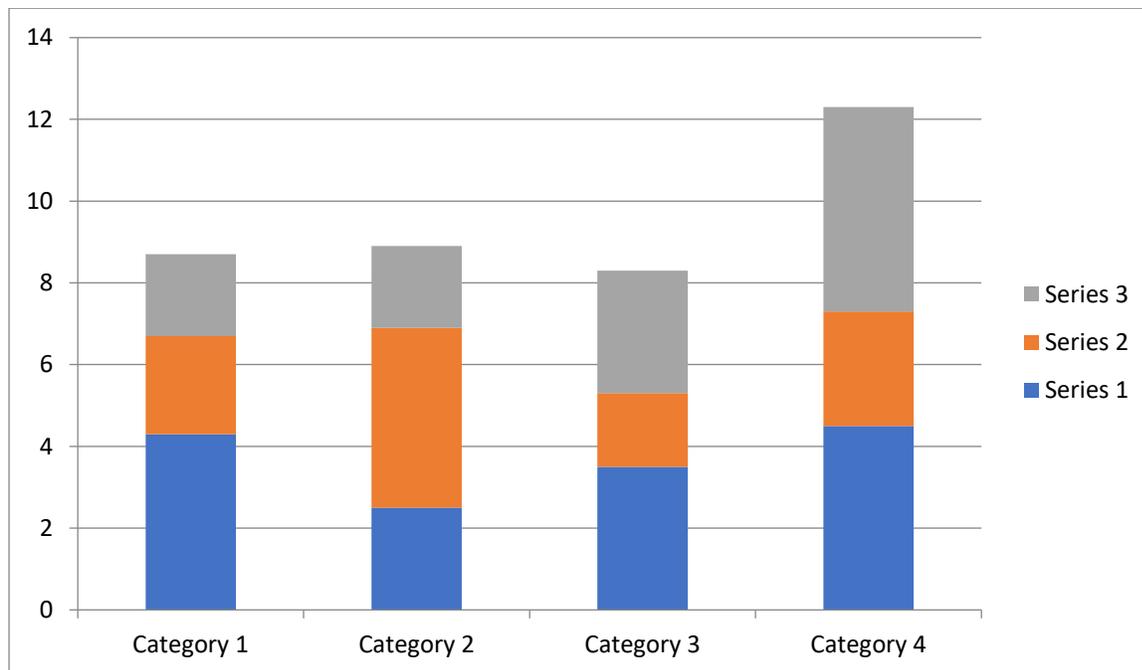


Diagram: Pass% of dept. of chemistry and 1st class

In 2021-22 seventeenth students of our dept. of Chemistry have appeared the 6th semester exam and all of them successfully passed.

7.Departmental Proceeding: Xerox copies enclosed

8.Departmental Stock register: Xerox copies enclosed

9. Details of Departmental activities:

a) Departmental Seminar /workshop/Webinar/Talks etc.

- a. Student mentoring programme 18-08-2021 & 27-12-2021.
- b. Departmental farewell on 03-09-2021.

- c. Guardian meets on 10-10-2021.
- d. Departmental fresher's on 02-11-2021
- e. Soil and water analysis on Hilly area. (Hawaii Camp, Arunachal Pradesh) on 19-12-2021.
- f. Webinar on "The story of water and life on earth" in association with IQAC LTK College resource person Dr. Kalyan Raidongia, Associate professor IIT Guwahati on 21-07-2021.
- g. Seminar on Career opportunity in Chemistry resource person Dr. Debajit Dutta (HOD), Mrs Marami Gohain, Mri Biren Kakoti, Sri Suman Raj Mahanta on 21-08-2021.
- h. Seminar on Conversation skill resource person Mr Diganta Saikia (HOD), Dept of Geography 02-12-2021.
- i. Seminar on Paracetamol and its Toxicity, Resource person Dr. Samiul Akhtar Borborah, Register Lakhimpur Medical College Hospital and Nodal officer Mental Health on 23-12-2021.
- j. Two days' workshop on soil and water testing, Resource person Dr. Bhabajit Bhuyan, Associate Professor, North Lakhimpur College and Ripen Bhuyan, Lab. Technician, Public Health laboratory Gogamukh, Dhemaji on 11 and 12, June, 2022

External activities:

- i. Distribution of masks and LTKC/ Lab made sanitizer in local areas 09-07-2021 & 10-08-2021.

ii. MoU sign with dept. of chemistry, Lakhimpur Girls' College, dept. of chemistry North, Lakhimpur College (Autonomus), Lakhimpur Medical College & Lakhimpur public Health Dept. at 20-06-2022

Field visit:

Visited to **Ananda Bagan tea est.** With 6th semester students they were asked to collect water samples for testing of parameters Iron and Magnesium present in the sample on 16th May,2022

Name of students	Rollno
Asharani Nath	19BS005
Bikrom Gohain	19BS068
Zakaria Alom	19BS119
Khagen Borah	19BS072
Biren Doley	19BS060
Bhaiti Doley	19BS051
Devaprotim Dutta	19BS082
Parthaprotim Baruah	19BS014
Narendra Das	19BS017

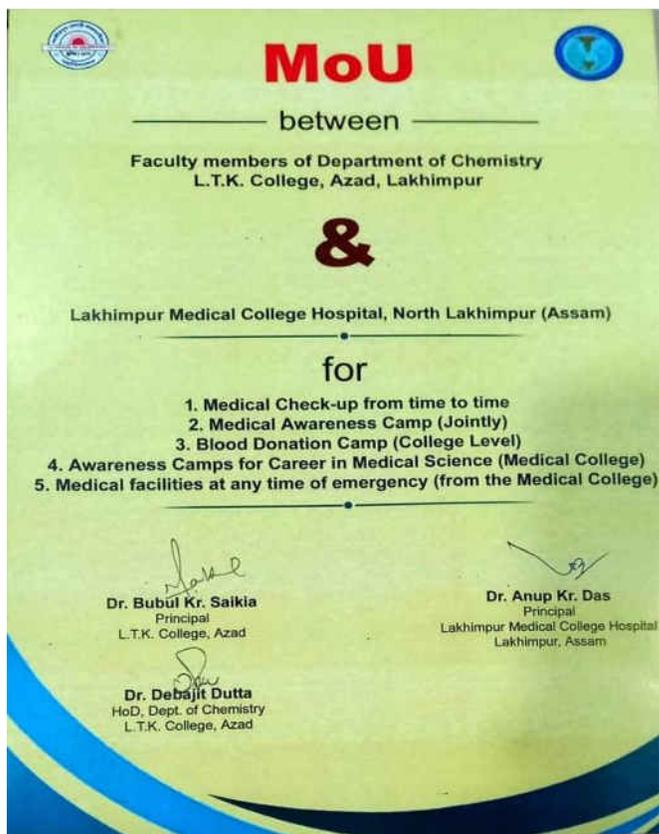
Rahul Borah	19BS018
Himanka Hazarika	19BS006

10. Student Capability Enhancement Programme (Add on): Three months certificate course in water and soil testing (CCWST).

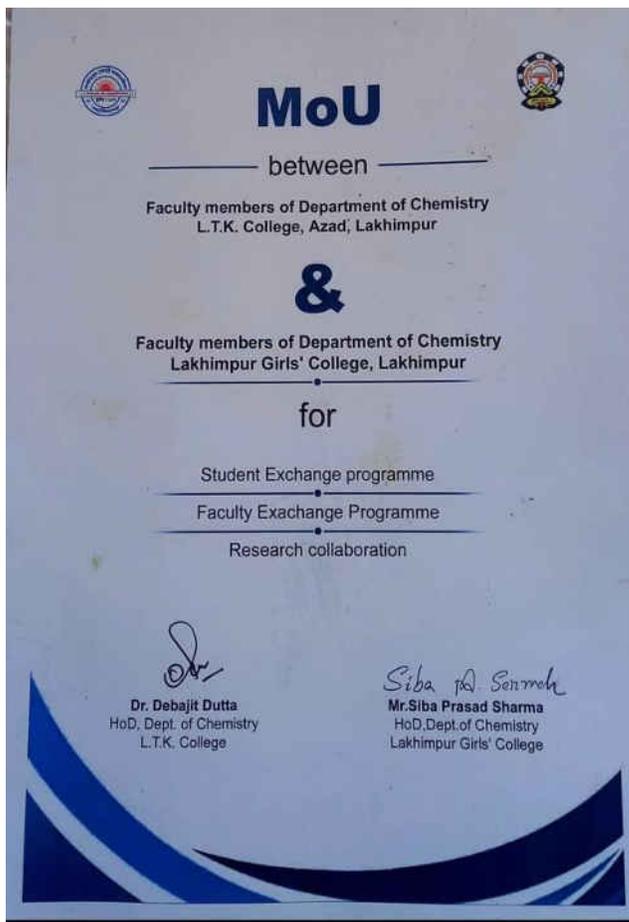
11. Collaboration, Linkage and MoUs: Chemistry department collaborate with NHPC, Lower Subansiri Project, Gerukamukh, Public Health Department, Lakhimpur, Tea estate Seajuli, Lakhimpur and LMCH, Lakhimpur (formalities pending).

MoU sign with dept. of chemistry, Lakhimpur Girls' College, dept. of chemistry North Lakhimpur College (Autonomous), Lakhimpur Medical College & Lakhimpur public Health Dept. at 20-06-2022









12. Departmental Routine including remedial, Tutorial and Extra Classes

13. Prof. of ICT, Remedial, Tutorial, and extra Classes

14. Achievement of the Department:

Second Best cadet award at group level by Miss. Asharani Nath ,6th semester students, Dept. of chemistry



Photo Gallery:



Field study Hawa camp (Arunachal Pradesh) , Ananda Tea estate and PHED Gogamukh, Dhemaji



Faculty Exchange Programme between L.T.K College and N.L. College

L.T.K. COLLEGE, AZAD, LAKHIMPUR

Department of Chemistry

TWO DAYS WORKSHOP ON WATER AND SOIL TESTING

[Add on Certificate Course; 3 months (C.C.W.S.T)]

Organised by

DEPARTMENT OF CHEMISTRY & INTERNAL QUALITY ASSURANCE CELL

In collaboration with

PUBLIC HEALTH DEPARTMENT, GOGAMUKH

on 11th June & 12th June, 2022
Venue : Conference Hall

DR. BHABAJIT BHUYAN Associate Professor, (Resource Person) Dept. of Chemistry, N.L. College	MR. RIPIEN KR. GOGOI Asstt. Chemist, PHED
DR. DEBAJIT DUTTA HoD Chemistry & Course Co-ordinator	MR. BIJU KR. SONOWAL IQAC, Co-ordinator
BIREN KAKOTY Asstt. Co-ordinator	DR. BUBUL KR. SAIKIA Principal, L.T.K. College



Two days workshop on Water and Soil Testing

L.T.K. COLLEGE, AZAD, LAKHIMPUR

Department of Chemistry

ONE DAY WORKSHOP

On

Synopsis & Dissertation Writing For B.Sc Course

BOOK INAUGURATION PROGRAMME
Entitled Book
Healthy Life by Dr. Debajit Dutta

BOOK INAUGURATOR:
Prof. (Dr.) Hari Prasad Sarma, Ex. Rector,
Gauhati University & HOD, Environmental Science, G.U.
Date : 26th May, 2022
Venue: Conference Hall
L.T.K. College, Azad, Lakhimpur

INAUGURATOR:
Dr. Bubul Kumar Saikia,
Principal, L.T.K. College
Resource Person:

Prof. (Dr.) Hari Prasad Sarma,
Ex. Rector, Gauhati University & HOD,
Environmental Science, G.U.





One day workshop on dissertation writing and book inauguration


WORKSHOP
 On
CAREER COUNSELLING & CAREER GUIDANCE
 Sponsored by
NEHRU YUVA KENDRA NORTH LAKHIMPUR
 MINISTRY OF YOUTH AFFAIRS & SPORTS, GOVT. OF INDIA
 Organised by
ASWASH – The ray of hope
 Resource Preson : **DR.DEBAJIT DUTTA,**
 Head of the Department, Chemistry, L.T.K College, Azad, Lakhimpur
 Venue : **Sankardev Sishu Bidya Niketon, Bahpati Azad**
 Date: **14. 02. 2022**
DONATE BLOOD SAVE LIFE





Extension activities in different institutions about Careers.

**World Water Day
22 March 2022.**

**Organized by
Department of
Chemistry, L.T.K
College.**

Chief Guest:

**Prof.(Dr)H.P
Sarma
Ex.Rector.G.U**



Webinar : World Water Day



**Webinar
on**

“The story of water and life on Earth”
 “পৃথিবীর পানী আৰু জীৱকলৰ কাহিনী”

Organised by Department of Chemistry, L.T.K. College
in association with
 IQAC, L.T.K. College, Azad, Lakhimpur
Date: 21st July, 2021
Time: Morning 10.55 A.M.

Inaugurator
DR. BUBUL KR. SAIKIA
 Principal, L.T.K. College,
 Azad, Lakhimpur

Resource Person
DR. KALYAN RAIDONGIA
 Associate Professor, IIT, Guwahati
 Department of Chemistry

Co-ordinator; Webinar

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DR. RANDEEP BORAH
 Assistant Professor
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 randeep89borah@gmail.com
Platform ZOOM

MR. BIJU KR. SONOWAL
 Co-ordinator
 IQAC L.T.K. College

Contact No. 9954050282/ 9678219368 ## www.ltkcollege.ac.in/ e-mail.: ltkcollege@yahoo.com

Webinar : The story of water and life on earth