



काञ्चन KANCHAN

*A Newsletter of Department of Botany
Gargaon College, Simaluguri, Sivasagar*



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Department of Botany: An Overview

Year of Establishment: 1969
Affiliated to Dibrugarh University, Dibrugarh
Founder Head: Sri Suresh Saikia
Present Head: Dr. Dimbeshwar Das
Course Offered:
i) Undergraduate (FYUGP) & CBCS (3 years)
ii) Add On (Mushroom Cultivation)
iii) Add On (Plant Tissue Culture)
Number of Faculties: 04
Number of Laboratory Bearer: 01
Number of Students: 97 (Male: 38 & Female: 59)
Number of Books: 350
Number of Laboratories: 03
Wall Magazine Name: Kalpadruma

Contact Us



botanygc@rediffmail.com
botanygc1959@gmail.com



9864387746; 8134967809; 7002186757

Social Media Platforms



Principal's Message

True to the college's mission of promoting continuous educational innovations, creative expressions and artistic productivity by fostering a vibrant knowledge-based atmosphere, the department of Botany has forged ahead with many notable accomplishments. This newsletter showcases these very attainments reflected in the multifaceted activities of the department and the achievements of its faculty members as well as students.

I congratulate the editorial board for bringing out an impressive newsletter and convey my best wishes for all the future endeavours of the department.



Sabya

Dr. Sabyasachi Mahanta
Principal

Message from the Head

Welcome to Volume 1 of our departmental Newsletter "**Kanchan**". I hope that this newsletter will give glimpses of our departments during the last five years. I convey my best wishes to the Editorial Board and all the stake holders of the Department of Botany for bringing up and successful completion of this newsletter. I, on behalf of the department, would like to also thank our Principal, Dr. Sabyasachi Mahanta and IQAC Coordinator, Dr. Surajit Saikia, for taking up the idea of a departmental newsletter for showcasing the various activities and achievements of the departments.



Dimbeshwar

Dr. Dimbeshwar Das
HOD, Botany

Editorial Board

Advisor: **Dr. Sabyasachi Mahanta**, Principal, Gargaon College
Dr. Surajit Saikia, Coordinator, IQAC, Gargaon College
Chief Editor: **Dr. Dimbeshwar Das**, HOD, Department of Botany
Editor: **Sangeeta Chetia**, Assistant Professor, Department of Botany
Sandeepa Agarwalla, Assistant Professor, Department of Botany



Dendrobium fimbriatum



Spathoglottis plicata



Luisia trichorrhiza

About the Department

The Department of Botany was established in 1969 with HS courses. The UG course was started in 01/12/1975 and the Honours course in 1989. DBT, Government of India under the Scheme of IBT Hub (2013) and Star College (2017) and RUSA has supported the department in upgrading the laboratory infrastructure. The department runs a three-year B.Sc. degree course (under CBCS) and in Major FYUGP Courses (NEP 2020) that are spread over six and eight semesters, respectively, under the Semester System as per the Academic Calendar of Dibrugarh University, Dibrugarh for Undergraduate Courses. The faculties of the department is actively involved in research in various fields of botany, which include Angiosperm Taxonomy and Plant Diversity, Molecular Biology, Cytogenetics, Ethno-botany, etc. We also takes up active participation in interdisciplinary activities with the other departments of our college.



Sri Suresh Saikia

First HOD, Botany
(1969 - 2004)

Mission

- ✿ To provide a student-centered education so that they can take up careers in the areas of Plant Biology, Plant Biotechnology, Microbiology, Genetics, Plant Ecology and Environmental Sciences, etc.
- ✿ To train up the students in modern laboratory tools and techniques.
- ✿ To impart knowledge about medicinal plants.
- ✿ To nurture research culture among young generations.
- ✿ To establish collaboration with other institutes and within the department's college for the betterment of the students.
- ✿ To conduct innovative research in the field of plant sciences.
- ✿ Bringing quality in research and improving the number of citations and h-index
- ✿ To develop entrepreneurship among the students.
- ✿ To encourages the students for higher studies.
- ✿ To conduct nature walks, field trips, botanical excursions, laboratory visits, etc. to achieve all-around development of students through association activities.
- ✿ To document the plant biodiversity of the area.
- ✿ To strengthen the institute by participating in interdisciplinary activities.



Excursions to Haflong, Dima Hasao 26/12/2023

Vission

Well-being of the human being and to provides a holistic learning environment to students through the study of plant science.



Faculties Details

Dr. Dimbeshwar Das HOD & Associate Professor

Date of Joining: 14/05/2007

Qualification: M.Sc.(Botany), Ph.D, NET, SLET & PGDESD

Specialization: Cytogenetics & Plant Breeding Seminar/Webinar,etc. Attended :32;

Workshop/ E-Workshop Attended : 04; RC: 01; STC/FDP: 08; **Paper Published:** 02; **Book Chapters:** 02

Membership: Life Member of Assam Science Society, Botanical Society of Assam and EHSST.

Research Interest: Plant Taxonomy, Molecular Biology, Cytogenetics, Ethnobotany, Biochemistry & Plant Ecology.



Sangeeta Chetia, Assistant Professor

Date of Joining: 17/02/2021

Qualification: M.Sc. (Life Sciences), NET (JRF)

Specialization: Microbiology

Seminar/Webinar, etc. Attended : 10; Workshop / E-Workshop Attended : 03; OP: 2; RC: 02; STC/FDP: 04; **Book Chapters:** 02

Membership: Life Member of Assam Science Society.

Research Interest: Microbiology & Ethnobotany

Sandeepa Agarwalla, Assistant Professor

Date of Joining: 24/09/2022

Qualification: M.Sc. (Life Sciences), NET & GATE

Specialization: Cytogenetics and Crop Improvement

Seminar/Webinar, etc. Attended : 11; Workshop / E-Workshop Attended : 08; OP: 01; STC/FDP: 08; **Paper Published:** 03; **Book Chapters:** 07.

Membership: Life Member of Assam Science Society.

Research Interest: Molecular Biology, Genetics, Ethnobotany, Ecology, Bioinformatics & Nanoparticles





Courses Offered

Under Graduate Courses

Botany Major and Minor under FYUGP (NEP 2020) & Honours under CBCS

Intake Capacity : 80

Add On Course

Mushroom Cultivation

Eligibility : Class X Passed
Duration : 30 Teaching Hours
Intake Capacity : 25

Course Co-ordinator: Dr. Dimbeshwar Das

Add On Course

Plant Tissue Culture

Eligibility : B. Sc. Passed
Duration : 30 Hours

Intake Capacity : 25
Course Co-ordinator: Sangeeta Chetia

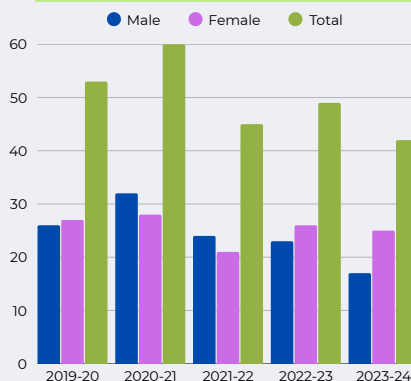


Farewell (Batch 2021 - 24) & Plantation Drive

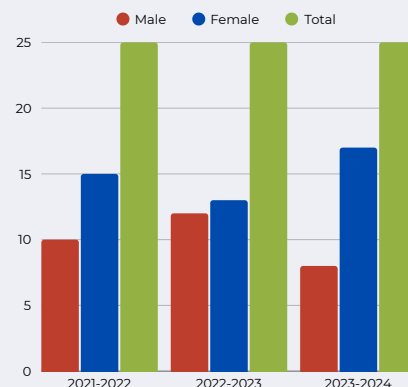


Memories of Botanical Forum

Student Enrollment in UG Courses



Add On Course Enrollment



Facilities

Department has well-equipped ICT Classroom (3) & Laboratory facilities (3) supported by UGC, DBT and RUSA

Well Equipped Department Library with 320 Books on Botany which include 36 Reference Books

Green House is 768 sq. ft. and has 54 orchids including terrestrial orchid, ferns, ornamental plants etc.

Computer and Wi-Fi facility which is accessed by both faculty and students.

Museum has collection of fossil specimens, herbarium, medicinal plants, and 70 varieties of rice

Botanical Garden has collection of over 100 species of 200 genera from 81 families of plants.

Regular Nature Walk & Field Trip, Excursion to the places of Botanical Interest, Laboratory Visit, etc.

Faculties Retired

Mrs. Joya Saikia Goswami

M. Sc. Botany

Specialization: Plant Physiology

DOJ : 01/04/1992

DOR : 30/04/2021



Guest Faculties

Prerona Gogoi

M. Sc. Life Sciences

Specialization: Microbiology

02/08/2019 - 30/11/2019



Sandeepa Agarwalla

M. Sc. Life Sciences

Specialization: Cytogenetics

and Crop Improvement

01/02/2020 - 31/08/2022



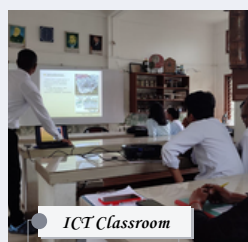
Ajanta Baruah

M. Sc. Life Sciences

Specialization: Biochemistry

and Molecular Biology

02/08/2023 - 31/10/2023



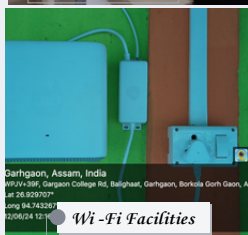
ICT Classroom



Library Books



Laboratory



Wi-Fi Facilities



Botanical Museum



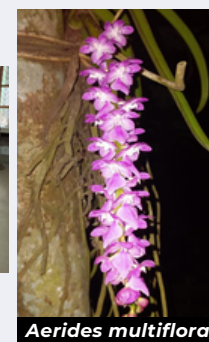
Green House



Classroom



Classroom



Aerides multiflora

Laboratory Assistant

Guna Kanta Tipomia

01/01/2011 - 16/09/2023



Uttam Gogoi

04/04/2013 - 31/01/2021



Dipankar Hazarika

17/03/2023 - till date





Best Graduates



Supriya Das (2019)
80.71 %, Rank : 26



Anirban Kashayp (2020)
81.79 %, Rank : 28



Taslima Nasrin Bora (2021)
88.21 %



Kiron Saikia (2022)
91.11 %, Rank : 17



Shabnum Begum (2023)
83.40 %, Rank : 53



Felicitation of the Rank Holders



Best Results



Mouchumi Chutia (2019)
HS% = 65.80%
Degree% = 75.70%
Diff. = 9.70%



Sunil Bhumij (2020)
HS% = 53.00%
Degree% = 74.29%
Diff. = 21.29%



Aadit Singh (2021)
HS% = 45.80%
Degree% = 73.64%
Diff. = 27.84%



Manshi Dutta (2022)
HS% = 50.80 %
Degree% = 81.00%
Diff. = 30.20%



Minakshi Mech (2023)
HS% = 53.80%
Degree = 78.60%
Diff. = 24.80%



Rank Holders



Pass Percentage



Mentor - Mentee Interaction: 01/04/2024

2019	2020	2022	2023
5	26	19	12



Mentor - Mentee Program



Parents Teacher Meet

Parent Teachers Meet is organized by the Department after the completion of courses in each Semester, to emphasize the role of all the stake holders in the effective learning and to identify the areas of strength & weakness of the child and sort out ways to enhance the child's overall performance. A Parent Teacher Association is also constituted every year for the betterment of the student performance.



Garhgaon, Assam, India
WPUV-317, Garhgaon College Rd, Balighaat, Garhgaon,
Assam 785685, India
PTM - 27/06/2023



Feedback

The Department has developed a **feedback mechanism** for obtaining feedback from the various stakeholders through a **structured rating-based feedback form**, from the students, alumni and parents about the curriculum, students' satisfaction on the facilities and amenities provided by the department. The Department also collect feedbacks from the faculties of the department for the overall development of the Department. The Feedback Committee of the Department collect and analyze the feedback received and make suggestions during the departmental meetings, to take appropriate action for improvement. In past, it was collected manually, but now it has been collected through online.



Wall Magazine "Kalpadruma"



2019-20



2021-22

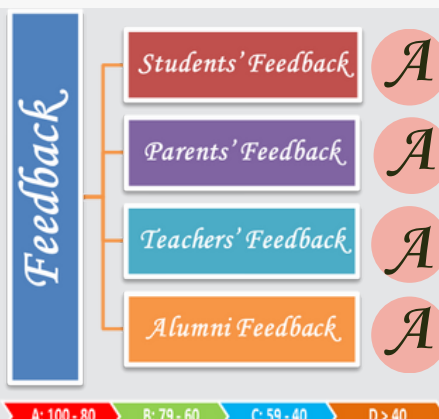


2022-23



2023-24

The Departmental wall magazine "**KALPADRUMA**" is published every year from the department by the students with a different theme to provide an opportunity for students to uplifted their literary development under the respective Teacher-in-Charge of the Department. The theme of the wall magazine was on "**Nature**" (2019-20), "**Different Seasons**"(2021-22), "**Ethnobotany**" (2022-23)" and "**Paleobotany**" (2023-24).



A: 100 - 80 B: 79 - 60 C: 59 - 40 D > 40

Achievements of the Students

Qualified
JAM (2020)



Kaushik Kr. Mech (2021)

Qualified
GATE (2021)



Loreni C. Phukon (2013)

Qualified
NET and
GATE (2021)



Sandeepa Agarwalla (2017)

Qualified
GATE (2022)



Bimrisha Buragohain (2022)

Qualified
GATE (2022)



Syeda Afrin M. Hussain (2022)

Qualified
SET (2022)



Tridisha Borgohain (2017)

Qualified
NET (2023)



Loreni C. Phukon (2013)

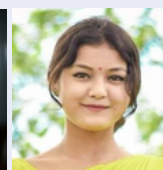
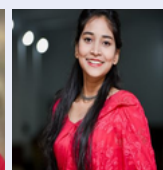
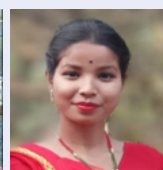
Pursuing
Ph. D. (2021)
Gauhati
University



Loreni C. Phukon (2013)

Cultural / Sports, etc.

Five (5) students, of our Department participated in **Guinness World Record** for the "**Largest Bihu Dance and Largest Dhol (Drum) Ensemble**" in 2023. In Dhol: Chiranjib Chutia (2011 - 2014) and in Bihu Dance: Ankita Borgohain (2019-2022), Gaurangi Bhattacharjee, Nishita Gogoi and Geetashree Borboruah (2020 - 2023).



Chiranjib Chutia, Ankita Borgohain, Gaurangi Bhattacharjee, Nishita Gogoi and Geetashree Borboruah

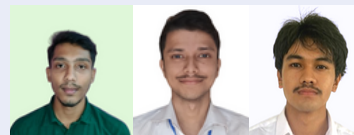
Rahul Boruah

Arniban Kalita (2022 - 2025) got **2nd prize (Team)** in Group Song in the Inter College Youth Festival held at Digboi Mahila Mahavidyalaya, Digboi from 01 - 04 Feb, 2023.

Rahul Boruah (2019 - 2022) got the following prizes:

Best Character in All Assam Bhaona Competition (2021, 2022); Part of 2 times **Best Drama Group** All Assam One act play Competition held in Duliajan, Dharmaji, Dergaon and Dibrugarh (2023); Part of **Best Bhaona Team** (More than 10 times) Assam BHAONA Samaroh, Duliajan (2023); Won **Best Actor** More than 20 times in Bhaona Competitions; Won Three times **National Award** in Theatre Category.

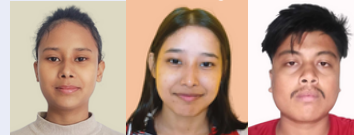
Bivekananda Ghosh (2022 - 2025) got **3rd prize (Team)** in the Inter College Badminton Competition held at D. R. College, Golaghat from 28 - 29 Sept, 2023. **Nayan Nirban Changmai** (2023 - 2026) got **1st Prize** in Sivasagar District Power Lifting Competition in 67 kg category organized by All Assam Iron Games Association on 22/04/2024. **Pronamee Dihingia** (2022 - 2025) got **2nd Prize** in the Online Photography Competition organized by the Dept. of Botany, Geography, and Mathematics of Gargaon College as a part of World Photography Day celebration on 19/08/2022. **Tamanna Sultana** (2022 - 2025) secured **2nd position** in Elocution Competition organized by GCSF, IQAC, NSS, Eco Club, Environment & Climate Cell, NCC and ASSGB on 05/05/2023 as a part of World Environment Day celebration. **Bivekananda Ghosh** (2022 - 2025) got **Silver Medal** in a Badminton Competition (Senior Boys) organized by Gargaon College Badminton Coaching Centre & IQAC, Gargaon as a part of Independence Day Celebration on 15/08/2023. **Bivekananda Ghosh** (2022 - 2025) & **Gayatri Gogoi** (2021-2024) got **Silver Medal** in a Badminton Competition (Mixed Doubles) organized by NSS & Gargaon College Sports Academy as a part of National Sports Day Celebration on 29/08/2023. **Jenishmita Saikia** (2021 - 2024) was awarded with **Best Library User** for the year 2022-2023 by the Librarian, Gargaon College on 07/09/2023. **Borakha Buragohain** (2021 - 2024) & **Jyotish Konwar** (2023 - 2026) got **2nd Prize** and **Consolation Prize** in Doodle Art and Essay Writing Competition on the occasion of World Rhino Day (26/09/2023) organized by Dept. of Zoology, IQAC & TI Assam Girls (I) Coy NCC of Gargaon College.



Arniban Kalita, Bivekananda Ghosh and Nayan Nirban Changmai



Pronamee Dihingia, Tamanna Sultana and Gayatri Gogoi



Jenishmita Saikia, Borakha Buragohain and Jyotish Konwar



Surajit Gogoi (C.Capt.) NCC B Certificate and Darchana Konwar NCC Cadet

College Week (2021 - 2022): 22 Prizes

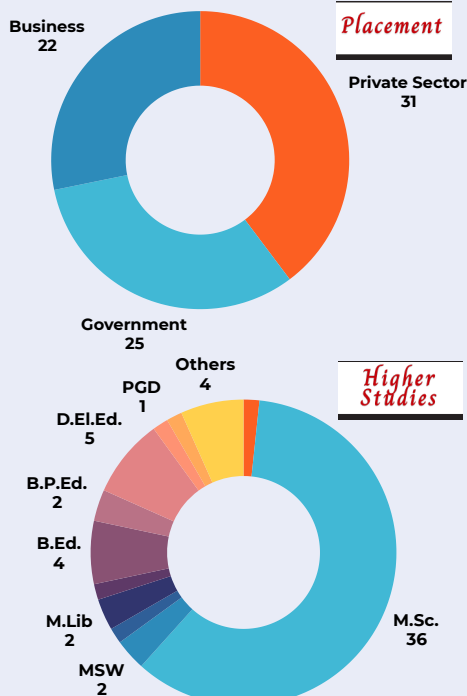
Mr. Gargaon - Dhol Mili; Badminton Doubles (Men's) - **Gold**, Sahid Ali & Gauranga Nath; Volleyball Girls - **Gold**; Stuti Borgohain & Team; Drama Best Director - **1st Prize**, Rahul Boruah; Best actor (Mono Act) - **1st Prize**, Rahul Boruah; Best Script - **1st Prize**, Rahul Boruah; Bihu Kuwori - **1st Prize**, Borakha Buragohain; Best Supporting Actor - **1st Prize**, Nishita Gogoi; Poem Writing - **2nd Prize** - Rahul Boruah; Spot Photography - **2nd Prize** Shyamal Baruah; Best actor (Mono Act) - **2nd Prize**, Gaurangi Bhattacharjee; Essay Writing - **2nd Prize** - Deepshika Kalita; Short story Writing - **2nd Prize**, Deepshika Kalita; Instrument (Flute) - **2nd Prize**, Subhajyoti Gohain; Instrument (Guitar) - **3rd Prize**; Abhinob Borah; Extempore Speech - **3rd Prize**, Kiran Saikia; Go As You Like - **3rd Prize**, Nishita Gogoi; Creative Dancing - **3rd Prize**; Borakha Buragohain; Mehendi - **3rd Prize**, Mahima Sonari; Marathon - **Bronze**, Bikrom Lahon; Borgeet - **3rd Prize**, Sandhyarani Sonowal; Miss Gargaon (**Best Beautiful Face**) - Nishita Gogoi.

College Week (2022 - 2023): 14 Prizes

Mr. Gargaon - Bakhista Chetia; **Man Model Physique** - Bakhista Chetia; Group Dance - **1st Prize**, Gaurangi Bhattacharjee & Her Team; Bihuwati - **1st Prize**, Borakha Buragohain; Rangoli Making - **1st Prize**, Deepshika Kalita and Her Team; Javeline - **1st Prize**, Bikram Lahon; Art Competition - **1st Prize**, Priya Das; Mehendi Competition - **1st Prize**, Chitrani Dowar; Hair Style Competition - **2nd Prize**, Tamanna Sultana; Badminton Doubles (Men) - **Silver**, Bivekananda Ghosh & Trinayan Borah; Marathon - **Bronze**, Hirumoni Nath; Modern Dance - **3rd Prize**, Borakha Buragohain; Mehendi Competition - **3rd Prize**, Tamanna Sultana; Wall Magazine - **3rd Prize** (Kalpadruma).

College Week (2023 - 2024): 9 Prizes

Man Model Physique - Bakhista Chetia; Power lifting (66 kg) - **1st Prize**, Nayan Nirban Changmai; Mr. Gargaon - **1st Runner Up** Bakhista Chetia; Relay Race (4x100 m) - **Silver**, Saurav Jyoti Dutta, Ratul Ali, Jonardon Gogoi and Bikram Sing Regon; Badminton Doubles (Men) - **Silver**, Dibyajit Gogoi and Jishuraj Gogoi; Creative Dance Competition - **2nd Prize**, Borakha Buragohain; Article writing (English) - **3rd Prize**, Jenishmita Saikia; Cultural Rally - **Consolation Prize** (Theme : Baputi Hahun Rongali Bihur Hat Bihu Pradorkhon); Marathon - **6th position**, Jonardon Gogoi.





Webinar/ Lecture Series, etc. Organized



- Student Webinar
28/06/2020 - 30/06/2020
- Lecture Series on Botany
18/06/2023 - 24/06/2023
- 3 Days Workshop
21/03/2024 - 24/03/2024
- Workshop & Hands on Training
on Aquarium Fabrication
27/03/2024
- Invited Talk on IKS
27/03/2024

The **Department of Botany**, Gargaon College, organized a "Lecture Series" on different aspects related to botany for the benefit of students from **18/06/2023 to 24/06/2023**. On the first day, The series was addressed by the Vice Principal of Gargaon College, Dr. Rina Handique. In her speech she welcomed all the esteemed resource persons and thanked the organizers for taking up the initiative. The resource persons of the "Lecture Series" were **Dr. Rajib Gogoi**, Regional Head, BSI-SHRC, Gangtok, **Dr. Asish Kar**, Fellow (Scientist) & Area Convenor, TERI, NERC, Guwahati, **Dr. Banashree Medhi**, Subject Matter Specialist (Plant Protection), KVK, Sivasagar, Assam, **Mr. Janardan Boruah**, Manager, Government Sericulture Farm, Titabar, Jorhat, Assam, **Mr. Devanjal Bora**, Senior Scientist & Research Officer (Botany), NEHAR, CARI Guwahati, Assam, **Mr. Bibit Dehingia**, AFS, Range Forest Officer TR, and KNP on the second last day of the series talked about the conservation of wildlife and wildlife protection. The final lecture in the series was given by **Dr. Sadhan Kumar Basumatary**, Scientist E, Birbal Sahni Institute of Palaeosciences, Lucknow. **80 participants** attended the program.

Workshop cum Hands-on Training on Aquarium Fabrication was organized by IQAC in collaboration with the **Department of Botany** and Zoology, Gargaon College on **27/03/2024**. The program was inaugurated by, Dr. Sabyasachi Mahanta, Principal, Gargaon College and Dr. Rina Handique Vice – Principal & HOD, Department of Zoology, Gargaon College. **Dr. Anurag Protim Das**, Assistant Professor, Department of Zoology, Gargaon College was the resource person of the workshop. **88 participants** including faculties participated in the programme.

An **Invited talk on Indian knowledge System (IKS)** was organized jointly by the **Department of Botany** and Zoology, Gargaon College on **27/03/2024**. The program was inaugurated by Dr. Sabyasachi Mahanta, Principal, Gargaon College. **Dr. Raktim Patar**, Associate Professor, Centre for Historical Studies, School of Social Sciences, JNU, New Delhi was the resource person of the invited talk. He in his speech emphasized the Indian Traditional Foods and Yoga. **86 participants** attended the program.

A **three days "Student Webinar"** was organized by the **Department of Botany** for the students of botany from **28/06/2020 to 30/06/2020**. The program was inaugurated by, Dr. Sabyasachi Mahanta, Principal, Gargaon College. The resource persons of the workshop were **Dr. Diganta Narzary**, Associate Professor, Department of Botany, Gauhati University, Guwahati, **Dr. Mahaswetta Saikia**, Assistant Professor, Department of Botany, Hansraj College, University of Delhi, New Delhi and **Dr. Hemen Deka**, Assistant Professor, Department of Botany, Gauhati University, Guwahati. They delivered their talk on "DNA Finger Printing and Plant Systematics", "Sericulture" and "Bioremediation." **132 students** attended the webinar.

A **three days workshop** was organized jointly by the Department of **Botany** and Chemistry for the advanced learners of the department of **Botany** and Chemistry from **21/02/2024 to 23/02/2024**. The resource persons of the workshop were **Dr. Pimily Langthasa**, Assistant Professor, Department of Zoology, **Dr. Plaban Jyoti Sarma**, Assistant Professor, Department of Chemistry and **Dr. Dipankar Buragohain** Assistant Professor, Department of Geology, Gargaon College. **60 participants** attended the workshop.



Dendrobium moschatum



Important Days Observed



World Photography Day
19/08/2022



Webinar on World Wildlife Day
03/03/2023



World Bicycle Day
03/06/2023

World Water Day
22/03/2024

On the occasion of **World Photography Day**, **Department of Botany**, Geography and Mathematics, Gargaon College organized an online photography competition among the students on **19/08/2022**. A total of **245 students participated** and uploaded photographs, out of which 3 students were awarded with certificate and gift. Besides this a consolation prize and certificate were also awarded to one of the students.

Department of Botany in collaboration with Physics, Geology, IQAC Gargaon College and Assam Science Society Gargaon College Branch hosted a webinar on "Energy Conservation" to mark the **National Energy Conservation Day** on **14/12/2022**. The webinar was inaugurated by Dr. Sabyasachi Mahanta, Principal, Gargaon College. **Dr. Chandraditya Gogoi**, Head & Assistant Professor, Department of Geology, Gargaon College was the resource person of the programme and delivered his speech on energy conservation.

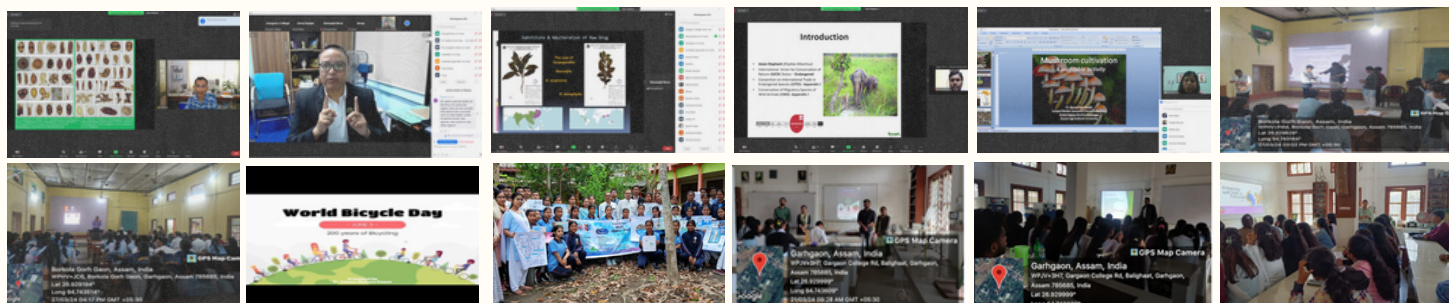
A **student centric talk** was organized by **Department of Botany** and Zoology, Gargaon College on the occasion of World Wildlife Day on **03/03/2023**. The program was inaugurated by Dr. Sabyasachi Mahanta, Principal, Gargaon College and Dr. Rina Handique, Vice Principal and HOD, Department of Zoology Gargaon College. The invited speaker, **Dr. Rubul Tanti**, Project Officer, Elephant Research and Conservation, Guwahati gave a talk on, "Asian Elephant Conservation and Conflict status in Assam." The program was attended by around 100 participants.

An online **awareness programme** on bicycling was jointly organised by IQAC Gargaon College, **Department of Botany**, Commerce, Economics and English, Gargaon College to observe **World Bicycle Day** on **03/05/2023**. The programme was inaugurated by Dr. Sabyasachi Mahanta, Principal, Gargaon College. **Mr. Harekrishna Mili**, Assistant Professor, Department of Mathematics and **Dr. Saheen Shehnaz Begum**, Department of Chemistry, Gargaon College was the resource persons of the programme. They spoke on spoke on "Benefits of Cycling- An Economic, Environmental and Social Assessment" and "200 years of Bicycling"

World Water Day was observed by the Department of Zoology, in collaboration with IQAC, the Department of Chemistry, **Botany**, and NCC Unit, Gargaon College on **22/03/2024**. To reflect on the significance of water a poster competition was organized among the students of the college. This programme was inaugurated by Dr. Sabyasachi Mahanta, Principal, Gargaon College. He addressed the gathering on the significance of the day. **Dr. Pobon Kumar Gogoi**, Associate Professor, Department of Political Science and **Dr. Shyamolima Saikia**, Assistant Professor, Department of English, Gargaon College judged the posters of the students.



Snapshots of the Programme





Arundina graminifolia



Publication



Gastrochilus japonicus

Research Paper

Book Chapters



Dr. Dimbeshwar Das, Associate Professor

1. Das, D., Neog, B., Dutta, S., Raidongia, L., Das, A B, and Hatimuriya, R. 2020. **Karyomorphological analysis of some edible aroids of Upper Brahmaputra Valley of Assam. The Journal of Cytology Genetics** Vol. 21 (NS): 27-39 ISSN: 0253 – 7605 (UGC Care Listed Journal)
2. Das, D. and Patar, R. 2023. **Ethnomedicinal Plants of Hill Tiwas of West Karbi Anglong, Assam, India. Journal of Economic and Taxonomic Botany** Vol. 43 (2): 73-87, ISSN: 0250 – 9768 (Web of Science)



Dr. Dimbeshwar Das, Associate Professor

1. Agarwalla, S., Rajput, D. and Das, D. 2021. **Phytochemistry of Dioscorea alata**. In **Environment Climate Change and Natural Challenges**. Narzary, A. Begum, P. and Bhagawati, C. (Eds.) Gargaon College Publication Cell. pp. 224 – 231. ISBN 978 – 93 – 90919 – 60 – 4.
2. Das, D., Neog, B., Das, A., B., and Agarwalla, S. 2022. **A Review on Lasia spinosa: Ethnobotany, Phytochemistry, Pharmacology and Karyomorphology**. In **Biodiversity Challenges: A Way Forward** Shashikanth S. Majagi (Eds.) Daya Publishing House. pp 22 – 29. ISBN: 978-93-5461-269-5 (HB)

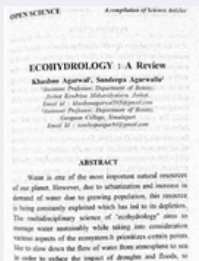
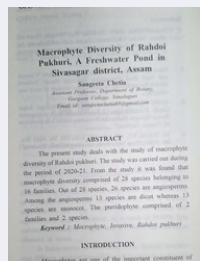
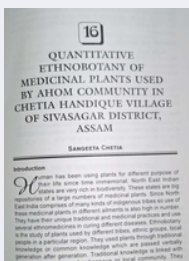
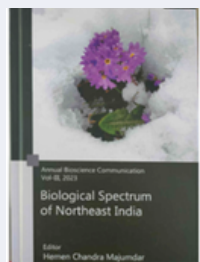
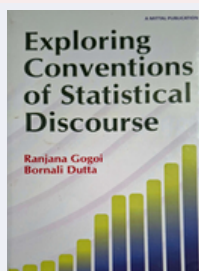
Sangeeta Chetia, Assistant Professor

1. Chetia, S. 2022. **Quantitative Ethnobotany of Medicinal Plants used by Ahom Community in Chetia Handique Village of Sivasagar District Assam**. In **Exploring Conventions of Statistical Discourse** Dogoi, R. and Dutta, B., Mittal Publication, Vol. 1 pp. 211 – 218, ISBN: 978-93-90692-62-0.
2. Chetia, S. 2023. **Macrophyte Diversity of Rahdoi-pukhuri, A freshwater pond in Sivasagar District, Assam**. In **Open Science** Phukon, K, Phukon, M. and Buragohain, B. (Eds.) Gargaon College Publication Cell. Vol. II pp. 344-350, ISBN: 978-81-954347-3-2.



Sandeepa Agarwalla, Assistant Professor

1. Gogoi, S., Pertin, A. Agarwalla, S. and Baruah, B. 2021. **Ethnobotanical knowledge of "Ahom" & "Matak" community of Assam (India) to treat dysmenorrhea. International Journal of Botany Studies** Vol. 6 (I) 517 – 520.
2. Agarwalla, S. and Rajput D., 2021. **Axonopus, a potential plant for phytoremediation: A review. International Journal of Ecology and Environmental Sciences**. Vol. (3): 18 – 20.
3. Rajput, D., Saikia, L. R., Borkataky, M. and Agarwalla, S. 2022. **Ageratum conyzoides L.: In vitro Antimicrobial, Antioxidant and Phytochemical Study. Ecology, Environment and Conservation** Vol. 28 (August Suppl. Issue) : S255 – S261.



Sandeepa Agarwalla, Assistant Professor

1. Agarwalla, S., Rajput, D. and Das, D. 2021. **Phytochemistry of Dioscorea alata**. In **Environment Climate Change and Natural Challenges**. Narzary, A. Begum, P. and Bhagawati, C. (Eds.) Gargaon College Publication Cell. pp. 224 – 231. ISBN 978 – 93 – 90919 – 60 – 4.
2. Das, D., Neog, B., Das, A., B., and Agarwalla, S. 2022. **A Review on Lasia spinosa: Ethnobotany, Phytochemistry, Pharmacology and Karyomorphology**. In **Biodiversity Challenges: A Way Forward** Shashikanth S. Majagi (Eds.) Daya Publishing House. pp. 22 – 29. ISBN: 978-93-5461-269-5 (HB).
3. Agarwal, K. and Agarwalla, S. 2023. **Ecohydrology: A Review** In **Open Science: A compilation of Science Articles** Phukon, K, Phukon, M. and Buragohain, B. (Eds.) Gargaon College Science Forum Vol. II: pp. 125 – 131 ISBN: 978-81-954347-3-2.
4. Agarwalla, S. 2023. **Women and Health: A brief review on the disorders related to Menstruation** In **Women's Well-Being Inclusive and Sustainable Growth**, Begum, P., Langthasa, P. and Dutta, B. (Eds.) Gargaon College Publication Cell, Gargaon College, Vol. I: pp. 96 -1 00, ISBN: 978-81-945305-1-0.
5. Langthasa, P., Begum, P., Agarwalla, S. and Dutta, R. 2023. **Groundwater Contamination of Arsenic and its Toxicity**. In **Annual Bioscience Communication** Majumdar, H. C. (Eds.) Biological Spectrum of North-East India. EBH Publishers, Vol.: 3, pp. 244-252 ISBN: 978-93-92038-07-5.
6. Agarwalla, S. and Agarwal, K. 2024. **Hydroponics: A New Approach**. In **Recent Trends in Biological Sciences** Sramah, R., Deb, P. and Basumatary, S. (Eds.) Research and Innovative Cell ABA Degree College, Vol. I pp. 219-227, ISBN: 978-93-90706-39-6.
7. Agarwalla, S., Begum, P. and Langthasa, P. 2024. **Prodrug-based Nanoparticle Therapeutics: Challenges and Future Prospects. Futuristic Trends in Pharmacy & Nursing** Gupta, R., Bora, S. N., Kumar, S. and Prabhu, R. (Eds.) In IIP Series, Selfpage Developers ,Vol. 3 (Book 3), pp. 182-190 ISBN: 978-93-6252-833-9.



Visit to Abhaypur Reserve Forest, Charaideo (12/12/2020)



Visit to Kamlabari, Geleky, Sivasagar (05/03/2021)



Our Farewell to Mrs. Joya Saikia Goswami (30/04/2021)



Departmental Sports Events (20/11/2021)



Visit to Dibru-Saikhowa National Park, Tinsukia (19/12/2021)



Excursions to Manas National Park (29/04/2022)



Excursion to Sunderban & Kolkata (04/01/2023)



Visit to Charaideo, Sivasagar (23/04/2023)



Visit to TTTRI, Jorhat (28/07/2023)



Visit to KVK, Sivasagar (04/11/2023)



Excursions to Haflong, Dima Hasao 26/12/2023



Visit to Orchidarium, Tinsukia (01/05/2024)



Teacher's Day Celebration (05/09/2019)



Teacher's Day Celebration (05/09/2021)



Botany Major Student (2018 - 2021)



Botany Honours Student (2019 - 2022)



Botany Honours Student (2020 - 2023)



Botany Honours Student (2021 - 2024)



Cultural and Sports Week (2019)



Prize Winner of Cultural and Sports Week (2022)



Cultural and Sports Week (2023)



Cultural and Sports Week (2024)



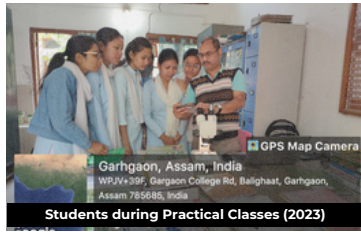
Plantation Drive (29/07/22)



Students during Practical Classes (2022)



Parents Teacher Meet (2022)



Students during Practical Classes (2023)



Vishwakarma Puja (2023)



Distribution of Plant Sapling (2023)



Farewell (Batch: 2019 - 2022)



Farewell (Batch: 2020 - 2023)



Farewell (Batch: 2021 - 2024)



Departmental Meeting (2023)

"The best brains of the nation may be found on the last benches of the classroom."

Dr. A. P. J. Abdul Kalam



"If you want to walk fast, walk alone. If you want to walk far, walk with others."

Ratan Naval Tata