SILAPATHAR COLLEGE

Accredited with NAAC by grade 'B'

NEWSLETTER, ISSUE 1
January, 2022

DEPARTMENT OF BOTANY, SILAPATHAR COLLEGE

ABOUT THE DEPARTMENT

Department of Botany, Silapathar college was established in 2020. The Department initiated to introduce Honours course in Botany under the CBCS curriculum as prescribed by the Dibrugarh University. The department has a well equipped laboratory for the semester courses. We try to explore the knowledge of plants among the students through theoretical as well as practical perspectives, which will help them to identify, ultilize the plants in different allied field.

FRESHMAN SOCIAL

Freshmen social was organised on 28th January, 2021 by the Department of Botany, to welcome the newly admitted students in the Botany Department of Silapathar College.

Best Practice, 2021

Department of Botany offered skill based activity on Mushroom cultivation for the students

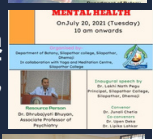
Activities, 2021

Department of Botany, Silapathar college in collaboration with IQAC, NSS and Forest Department celebrated World Wetland Day, at the bank of Gai Nadi Wetland on 2nd February, 2021

Department of Botany, also celebrated the National Science Day on 1st March, 2021 on the occasion of National Science Day (28th February, 2021) in collaboration with NSS, Silapathar College

On the occasion of World Environment Day, on 5th June, 2021, a popular talk was organized which was delivered by Dr. Amal Bawri (Botanist, NEIFM) through google meet

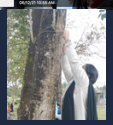
Webinar on 'Covid-19 Pandemic and it's impact on mental health' was organized by Department of Botany, with a popular talk by Dr. D. Bhuyan, Associate Professor of Assam Medical College



On the occasion of World Wild-life Conservation Day on 4th December,2021 we the Department of Botany and Department of Zoology has organized a essay competition among the students.

On 6th December, 2021, Faculty of Science organized a extempore speech competition among the students on the occasion of World Soil Day on 5th December,2021. Students were awarded with respective prizes

Plantation drive was carried out by the faculty of Botany Department. plantation of Orchids and other plants were done.



STUDENTS RESULT

B.SC 1SEM RESULTS, 2021

TOTAL NUMBER OF STUDENTS APPEARED=10
NUMBER OF STUDENTS PASSED=08
PASS PERCENTAGE=80%
90%ABOVE = 2
70%-80%=3
50%-60%=3

Inauguration of Wall magazine

Departmental wall magazine 'PRAKRITI' was inaugurated

Contact

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Edited by: Dr. Junali Chetia
Members: Dr. Upen Deka(HOD)
Dr. Lipika Lahkar

TEACHER'S ACHIEVEMENTS

PUBLICATIONS

B. Sarma and **U. Deka** (2021). In-vivo propagation of *Aristolochia tagala*- A rare medicinal plant species of Assam, India. International Journal of Botany Studies. 6 (3): 679-683

J. Chetia and L. R. Saikia (2021). Phytochemical, antioxidant and antimicrobial activity study of different solvent extract of different parts of *Anisomeles indica*(L.)Kuntze from Dibrugarh, Assam. Journal of Global Resources. 7(01):36-40.

J. Chetia, L.R.Saikia, S. Upadhyaya, E. Khatiwara and A. Bawri (2021). Comparative antimicrobial study of different parts of *Ocimum americanum* L., *O. basilicum* L. and *O. sanctum* L. in comparison to standard antibiotics collected from Dibrugarh, Assam. Journal of Scientific Research. 13(1):195-208.

J. Chetia and L. R. Saikia (2021). *Pogostemon auricularis* L. Hassk: In-vitro antimicrobial, antioxidant activity and phytochemical study. The Journal of Plant Science Research. 37(1):1-7

J. Chetia (2021). Nutritive value of some medicinally important species of Lamiaceae from Dibrugarh, Assam, India. Ecology environment and conservation. 27: S168-S175

J. Chetia (2021). Wild edible plant species and role in primary health care especially for women from Assam: A-review. The second sex. Silapathar College. ISSN: 2394-2088.

S. Hasnu, K. Deka, D. Saikia, **L. Lahkar**, B. Tanti (2021). Morpho-taxonomical and phytochemical analysis of *Vanilla borneensis* Rolfe—a rare, endemic and threatened orchid of Assam, India. Vegetos (Springer)

L. Lahkar, G. Hazarika (2021). Ethno-botany of medicinal plants used by female of Assam to adorn. The Second Sex. ISSN: 2394-2088.

U. Deka, D.K. Bezbaruah and S. Bezbaruah (2021). Ecological Investigation of Deepor beel, a ramsar site of Assam, India: An empirical analysis, vol 12 (2): (Accepted for publication)

SEMINAR PRESENTATION

J. Chetia presented research paper in ICSSR National Seminar on Violance against Women in India with special reference to North East India' organised by Department of Sociology, Silapathar college on 12th and 13th February, 2021

U. Deka participated one day International seminar on Plant Responses to Abiotic Stress organized by the Department of Botany in collaboration with IQAC, Jangipur College, Murshidabad on 9th October, 2021.

U. Deka participated three days International Conference on Ecosystem Restoration and Environmental Sustainability Concerns and Alternatives organized by Indira Gandhi Centre for Human Ecology, Environmental and Population Studies, University of Rajasthan, Jaipur, India on 26th- 28th, October, 2021.

U. Deka participated one day National seminar on Biodiversity Crises: Do we have any rescue plan for nature? Organized by Department of Zoology, Rangapara College on 5th August, 2021.

BOOK CHAPTERS

A. Kumar Pradhan, J. Kalita, L. Lahkar, L. Gurung, S. Kumar Ghritlahre, and B. Tanti(2021). Stress Management in Crops by Utilizing Landraces: Genetics and Plant Breeding Perspective, Sustainable Agriculture in the Era of Climate Change (Springer), ISBN no. 978-3-030-45668-9

J. Chetia (2021). Phytochemical, antioxidant and antimicrobial activity of different solvent extract of different parts of *Salvia officinalis* Linn. From Dibrugarh. Research in Life Sciences. ISBN:978-81-947823-0-8

L.R. Vemireddy, B. Tanti, **L. Lahka**r, ZM Shandilya (2021). Aromatic Rices: Evolution, Genetics and Improvement through Conventional Breeding and Biotechnological Methods, Molecular Breeding for Rice Abiotic Stress Tolerance and Nutritional Quality (Willey)

Students Achievements

DURING COLLEGE WEEK HELD ON 8-13TH DECEMBER STUDENTS FROM DEPARTMENT OF BOTANY ACHIEVED VARIOUS PRIZES IN VARIOUS FIELDS

- OM DOLEY (ARM WRESTLING, CHESS)
- KARAN DOLEY(VOLLEYBALL)
- BIDYUT KULI(DISCUSS THROW)
- PALLAB PAIT(TRIPLE JUMP)
- PRANAB DOLEY(CRICKET)
- NISHI DEORI(WEIGHT LIFTING, NEWSPAPER READING, MEMORY TEST, ESSAY, ARM WRESTLING, POEM RECITATION)
- DHANESWAR PEGU(VOLLEYBALL, FOOTBALL, KABADDI)
- NIBARANI PADI(MUSICAL CHAIR)

NISHI DEORI FROM 3RD SEMESTER RECEIVED BEST LITERARY AWARD DURING COLLEGE WEEK

NISHI DEORI ALSO RECEIVED PRIZES DURING OTHER EVENTS HELD IN COLLEGE PREMISES LIKE: WORLD WETLANDS DAY, 2ND FEBRUARY, 2021; WORLD WILDLIFE CONSERVATION DAY, 4TH DECEMBER, 2021; WORLD MATHEMATICS DAY, 22ND DECEMBER, 2021.

THANK YOU