

DEPARTMENTAL ACTIVITIES, 2022

DEPARTMENT OF BOTANY

JORHAT KENDRIYA MAHAVIDYALAYA

FACULTY MEMBERS OF THE DEPARTMENT-

Ms. Pinaki Hazarika. Asst,Prof.(Head of the Department.)

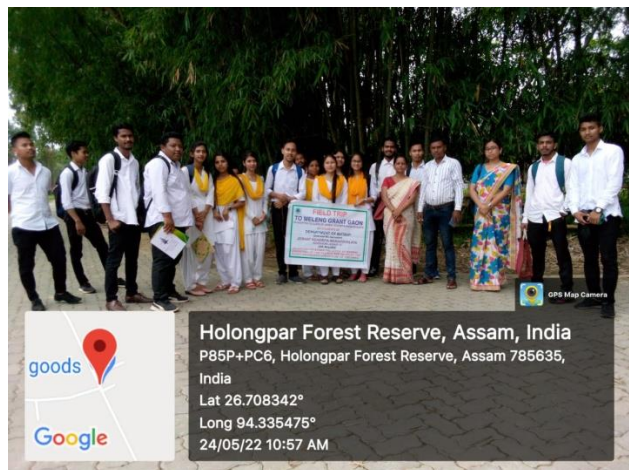
Ms.Rashmi Rekha Borah, Asst.Prof.

Ms. Khusboo Agrwal, Asst.Prof

Mr. Bhaskor Kolita, Asst.Prof(Contractual)

Miss Dimplly Borah (Contractual)

Departmental activities and achievement-



i) Field visit to Meleng Grant Gaon, Jorhat by the faculty members and students of the Botany Department on 24-05-2022.



ii) CSIR-NEIST Visit by the faculty members and students of the Botany Department on 03-11-2022

5. A popular talk on the topic “Role of microorganism in soil amendment” was organized by Department of Botany on 26-09-2022. The talk was delivered by Dr. Dondeswar Dutta, Ex-Scientist D, RFRI, Jorhat



6. Paper presented by Faculty members –

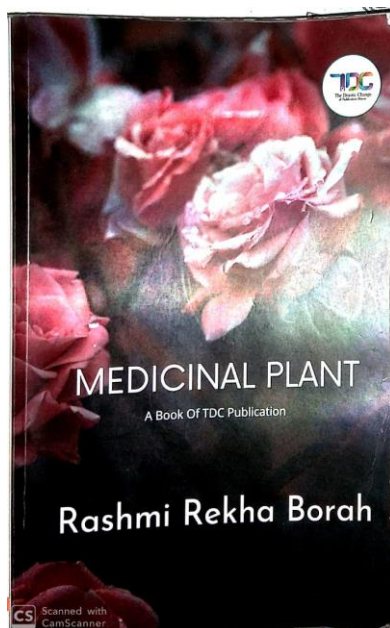
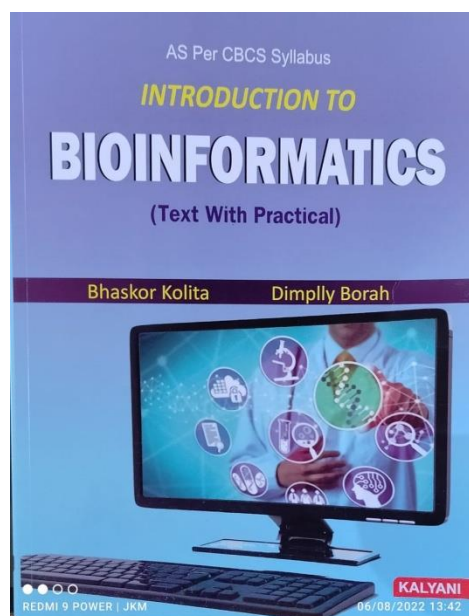
Faculty Name	Paper title	Seminar	Organized by	Year
Mrs. Pinaki Hazarika	Antiviral activity study of Ocimum against COVID-19 through in-silico method	Recent Trends of Research in Biological Science and allied Branches for the well-being of people and Nature	J.B. College	2022
Mrs. Dimply Borah	Antiviral activity study of Ocimum against COVID-19 through in-silico method	do	J.B. College	2022
Mr. Bhaskor Kolita	Outbreak of COVID-19 disease	do	J.B. College	2022

7.. Mrs. Pinaki Hazarika of Botany Department has successfully completed her orientation course from Aligarh Muslim University, Aligarh . The duration of the programme was from 8th of Feb to 12th of March, 2022

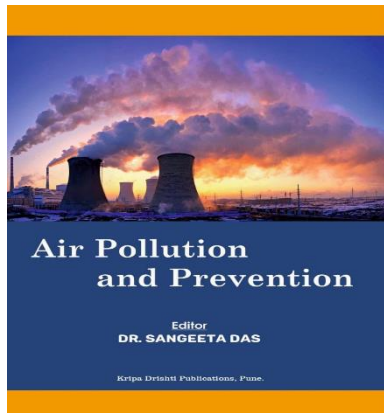


8. Book Published

1. A Book on “BIOINFORMATICS” with ISBN :9789355400758, based on CBCS Syllabus was published in the year 2022, written by Mr. Bhaskor Kolita and Ms. Dimpilly Bora of Botany Department
2. A book on “MEDICINAL PLANTS” with ISBN 9789391864262 was compiled by Mrs. Rashmi Rekha Borah, faculty member of Botany Department.



9. A Book Chapter titled “Air Pollution and Environmental Ethics” was published in the Book named “Air Pollution and Prevention” with ISBN :9789394570825 and was co-authored by Ms. Khusboo Agarwal and Ms. Dimplly Borah of Botany Department.



Book Title: Air Pollution and Prevention
 Editor: Dr. Sangeeta Das
 Authored By: Amanisha Borah, Dr. Utpal Goswami,
 Dr. Mayur A. Dongre, Nandini Sharma,
 Dr. Gunamoni Das, Sumati Narayan,
 Khusboo Agarwal, Dimplly Borah,
 Ajit D. Galkwad

1st Edition
 ISBN: 978-93-94570-82-5

 Published: Dec 2022

Publisher: Krupa Drishti Publications
 Dr. Utpal Goswami, 1990, BARKHALLA,
 Dr. Mayur A. Dongre, 110021, Pune, Maharashtra, India
 Email: info@krupadrishtipublications.in
 Website: www.krupadrishtipublications.in
 © Copyright KRUPA DRISHTI PUBLICATIONS
 All Rights Reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of the publisher. The publisher is not responsible for any discrepancies or errors, or omissions, that may appear in this publication.

10. Paper accepted-

Sl. No.	Author	Title of Paper	Journal	Year of Published
1.	Bhaskor Kolita, Ashok Kr. Das, Dimplly Borah, Pinaki Hazarika and Ely Phukan	A study of anticancer properties of tea (<i>camellia sinensis</i>) against lung and breast cancer: an in-silico approach of drug design	International Journal of Biology, Pharmacy and Allied Sciences	2023 (Accepted)
2.	Bhaskor Kolita, Dimplly Borah, Pinaki Hazarika, Ely Phukan and Rashmi Rekha Borah	Plant-derived antiviral compounds as potential COVID-19 drug candidates: In-silico investigation in search of SARS-CoV-2 inhibitors: Plant-derived antiviral compounds as potential COVID-19 drug candidate.	Trends in Sciences	2023 (Accepted)

11. Add-on Courses Under Department of Botany

Sl. No.	Course Name	Co-ordinators	Description
1.	Tea processing with special emphasis on Green and Specialty Tea	Mrs. Pinaki Hazarika Mr. Bibek Sharma	It is a three months certificate course for the UG students of both Arts and Science stream. The course aims to enhance the skill in the field of tea sector for self-employment and empowerment of the students.
2.	Bioinformatics	Mr. Bhaskor Kolita Miss Dimplly Borah	It is a six months certificate course for the UG students of science stream. Bioinformatics is a new discipline of science which is a combination of studies related to

			biological science, computer science and data science. This course will help the students to pursue their career in bio analytics, data analytics, proteomics, information technology and drug development.
--	--	--	---

9. Published E-Magazine named Krishnasura 3rd Edition on 30 December ,2022.



12.. Workshop on Experimental learning:

A Workshop was organized by the Department of Botany for the first and 5th Semester Students on the topic "A study on Rain water harvesting, ground water recharging, structures and solid waste management system of the college campus on 13-10-2022.



17. Skill Hub Course under NSDC (PMKVY 3.0 Scheme) with the Job Role- Vermicompost Producer was introduced in the Botany Dept. The Trainer of the said course is Mr.Bhaskor Kolita of the Dept.

