

Activities of Botany Department under DBT Star College Scheme

31st December 2021 to 31st March 2022

Industrial visit by the students:

Exposure Visit to Rubber Group Processing Center, Rishidas Colony, Anandanagar on 15th March, 2022 Guided by Dr. Sikha Banik, HOD In-charge and Assistant Professor Department of Botany, Women's College & Smt. Tapasi Dhar, PGT, Department of Botany, Women's College in which 20 students participated. There we visited the Rubber plantation & seed bed areas and also observed & captured photographs of the complete transformation of Raw Rubber (latex) into plain Industrial rubber sheets.

Invited lectures:

- 'Human Disease & Protection' by Prof. Debashis Maity, Professor, Biotech Hub, Department of Human Physiology, Tripura University on 7th March, 2022.
- 'Principles and Techniques of Plant Tissue Culture' by Smt. Jharna Datta, Assistant Director, HRC, Nagicheera on 23rd February, 2022.
- 'Bamboo for Sustainable Development' by Dr. Abhinav Kant, Head, BCDI, Lichubagan, Agartala on 9th March, 2022.
- 'Chromosome Biology: Basic to Advanced' by Dr. Surochita Basu, Assistant Professor, Department of Botany, Tripura University on 21st March, 2022.

Workshops:

- 'Basic Techniques of Plant Tissue Culture' on 23rd February, 2022 at Botany Department, Women's College by Smt. Jharna Datta, Assistant Director, HRC, Nagicheera.
- 'Manufacturing of Handicrafts by Bamboo and Cane products' on 17th March, 2022 at BCDI, Lichubagan, Agartala.
- 'Oyster Mushroom Cultivation' on 19th March, 2022 at HRC, Nagicherra.
- 'Herbarium Technique' on 30th March, 2022 at Botany Department, Women's College by Dr. Sikha Banik, HoD In-charge and Assistant Professor Department of Botany, Women's College.

Field Visit:

Students of Botany Department along with Faculties visited Baramura Eco Park on 30th March, 2022.

Laboratory visit:

- Botany Department, Tripura University on 23rd March, 2022
- Tissue Culture Unit of Horticulture Research Complex on 19th March, 2022
- Bio-Tech Hub, Tripura University on 3rd March, 2022.

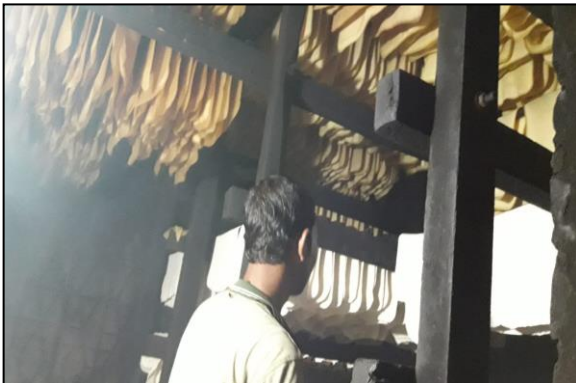
Botany Department in-house Popular Talk programs:

Four Lectures were held by the faculties of Botany Department, Women's College

- 'Role of Mushroom cultivation in Modern Food Habits' by Dr. Sikha Banik, Assistant Professor on 25th February, 2022.
- 'Discussion on Bacteria' by Smt. Sarmistha Chakraborty, PGT on 16th March, 2022.
- 'Discussion about Virus' by Smt. Gayatri Barman, PGT on 22nd March, 2022.
- 'Little Focus on Cell Division and Cell Cycle' by Smt. Tapasi Dhar, PGT on 24th March, 2022.

Photo Gallery

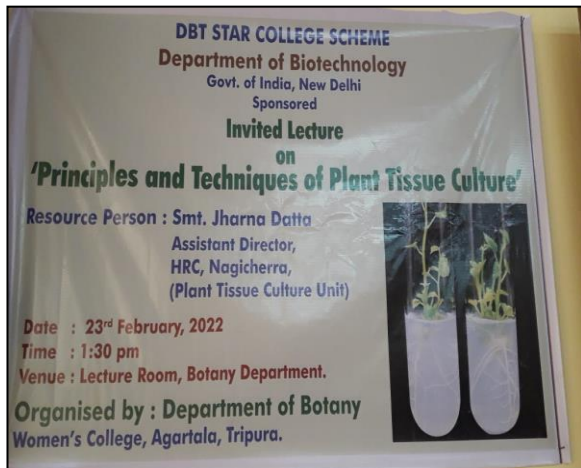
Industrial visit at Anandanagar



Invited Lecture by Prof. Debasish Maity



Invited Lecture by Smt. Jharna Datta



Invited Lecture by Dr. Abhinav Kant



Invited Lecture by Dr. Surachita Basu



Workshop by Smt. Jharna Datta



Workshop at BCDI Lichubagan



Workshop on Mushroom Cultivation at Nagicherra



Workshop on Herbarium Technique by Dr. Sikha Banik



Field Visit at Baramura Eco Park



Laboratory Visit at Tripura University



Laboratory Visit at HRC Nagicherra

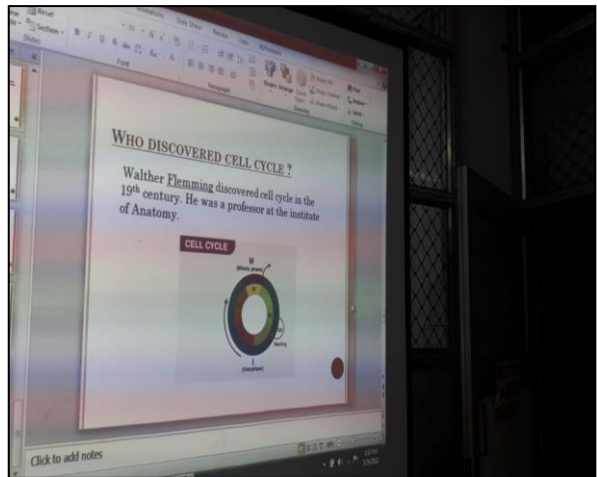
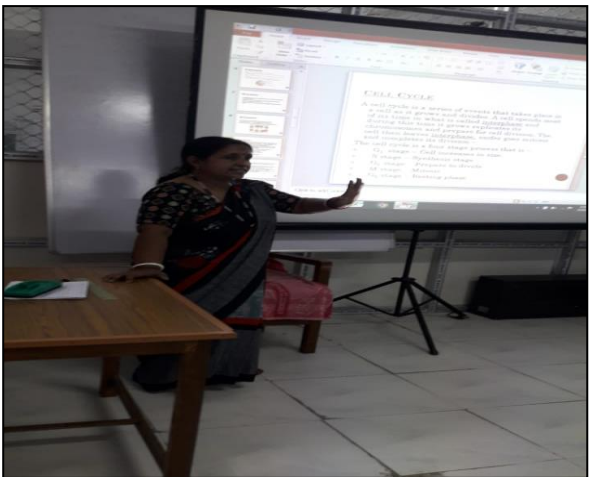
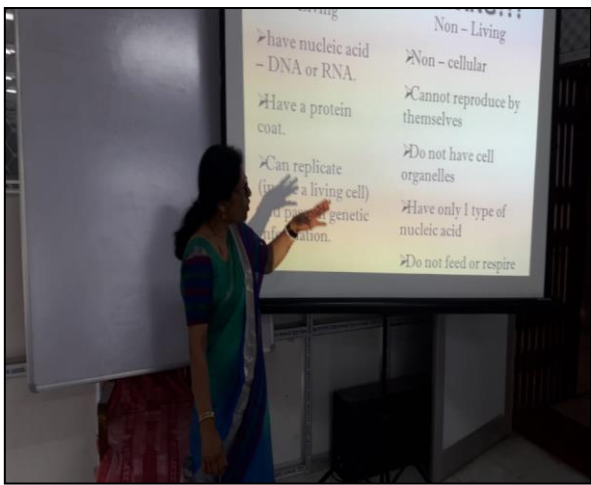


Laboratory Visit at Biotech Hub Tripura University



In-house Popular Talk





2022-2023

Ongoing hands' on 6th Semester (Hons) Students Project Works supervised by Dr. Sikha Banik, Assistant Professor:

- (i) Topic: Fungal Aerobiology (outdoor and indoor environment)
Name of the students: Tithi Roy Chowdhury and Snigdha Chowdhury
- (ii) Topic: Pharmacognostical Study on different Angiospermic plants
Name of the students: Manisha Karmakar and Rajkumari Priya Singha
- (iii) Topic: Plant Physiology (Chromatography on different dicot plants)
Name of the students: Dipika Chakraborty and Sutapa Debnath
- (iv) Topic: Angiospermic Stomata (Anatomical Work)
Name of the student: Priyanka Debbarma
- (v) Topic: Stamen of Angiospermic Flower
Name of the student: Dharanika Tripura
- (vi) Topic: Plant Physiology (Respiration on different dicot plants)
Name of the students: Asha Das and Susmita Debnath
- (vii) Topic: Placentation of different flower on dicot plants
Name of the student: Rima Roy
- (viii) Topic: Sporophytic generation of Bryophytes
Name of the student: Sritikannya Debbarma
- (ix) Topic: Sporophytic generation of Pteridophytes
Name of the student: Priti Debbarma
- (x) Topic: Anomalous secondary growth of Angiospermic Plants
Name of the student: Sumita Debbarma
- (xi) Topic: Female reproductive part of different types of Dicot Flower
Name of the student: Poushali Das

Photo Gallery: Students Project Work



Tithi Roy Chowdhury



Snigdha Chowdhury



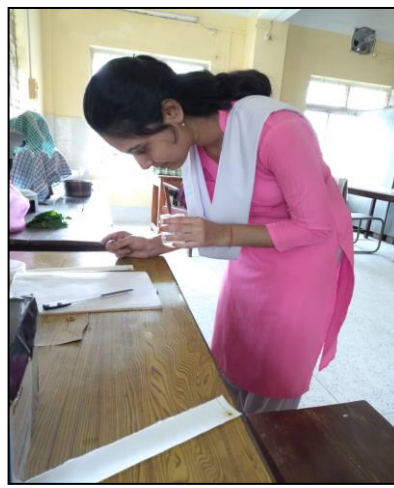
Manisha Karmakar



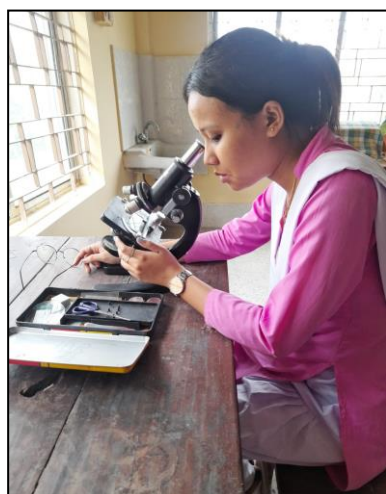
Rajkumari Priya Singha



Dipika Chakraborty



Sutapa Debnath



Priyanka Debbarma



Dharanika Tripura



Asha Das



Susmita Debnath



Rima Roy



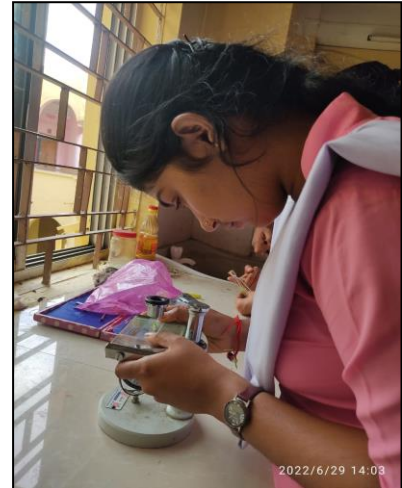
Sritikanya Debbarma



Priti Debbarma



Sumita Debbarma



Poushali Das