

## **Department of Botany**

The department of Botany, faculty and the students attended a one day training programme on “Integrated Biotechnological Aspects” conducted on the 16<sup>th</sup> of January 2024 at Biocenter, Hulimavu Bengaluru. During the training programme technical session and demonstration were held regarding Cultivation of Mushroom, Production technology of Biofertilizer and Biocontrol agents, Tissue Culture production technology and Plant nursery activities.



Mrs. Esther Watson attended a four-day online session on the Best Practices and Institutional Distinctiveness organised by the All-India Association for Christian Higher Education AIACHE in association with St. Joseph’s College- Tiruchirapalli from 4<sup>th</sup> to 7<sup>th</sup> March 2024.

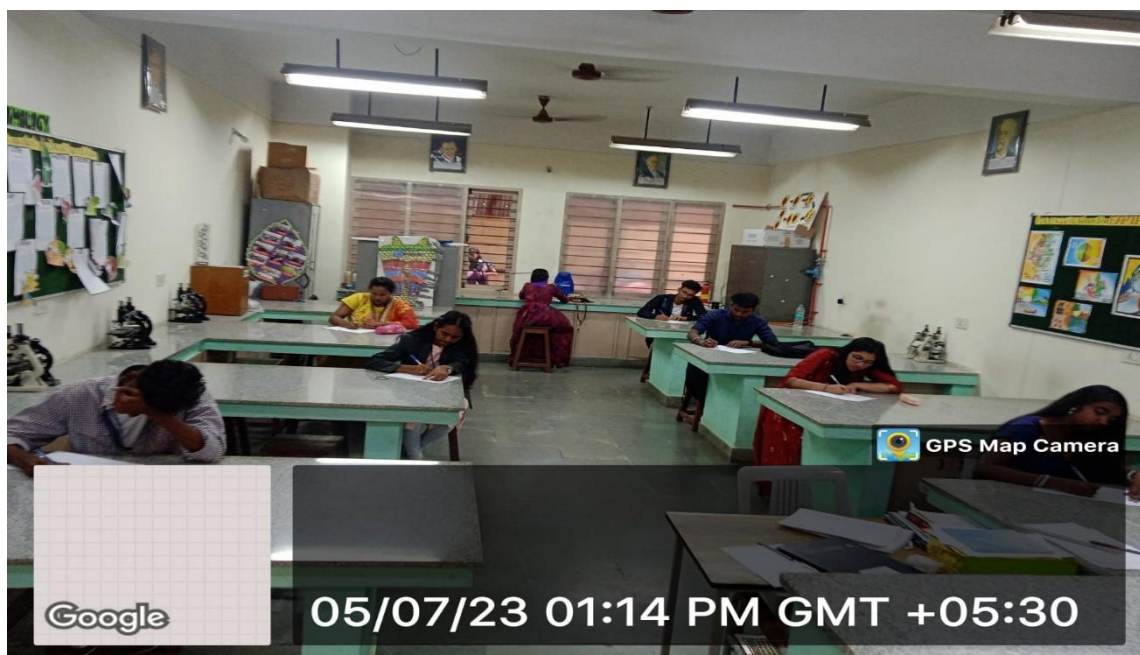
Mrs. Esther Watson attended a NAAC sponsored three-day National Seminar TRI HEI NEP 2K20 on the topic – “Transformational reforms in Higher Education of India through NEP 2020”, at RJS First Grade College from November 9<sup>th</sup> to 11<sup>th</sup> 2023.

The students of Open Elective – “Landscaping and Gardening Techniques” painted the tender coconut with beautiful Warli painting and used as eco-friendly planters.



Mrs. Esther Watson is the BOE member of BMS College for Women, Maharani Lakshmi Ammani College for Women, Kristu Jayanthi College, and Jyothi Nivas College.

As a part of the Annual Intercollegiate literary and cultural fest DISHA 2023 the department of Botany organised an Essay Competition on the topic – “The Interplay between Genetics and Environmental Factors in the Development of Complex Diseases”. Around 20 participants actively took part to pen down their views and comments.



The students of Environmental Science put up a chart on display about the Sustainable Development Goals and the various flagship programs initiated by the Government of India. This was indeed an eye opener to many students to make them aware of the various beneficial programs in India.



The students of Botany displayed charts on the topic- Pollution: Air, Water and Soil Pollution depicting the causes and the measures to control them and Vegetation of Karnataka.

The students also submitted assignments on the topics of Pollution and Conservation of ecosystem.



The 3<sup>rd</sup> semester students completed a mini project along with the regular practical on various topics on Embryology of Angiosperms. Some of the topic include: Types of Pollen Grain, Pollen tube germination, Placentation in Ovules.

Visits: The students of Open Elective were taken on a visit on the 14<sup>th</sup> of December 2023 to Siddapura Nursery to study the setting up of nursery, Nursery practices, Green house and Transplanting of plants.



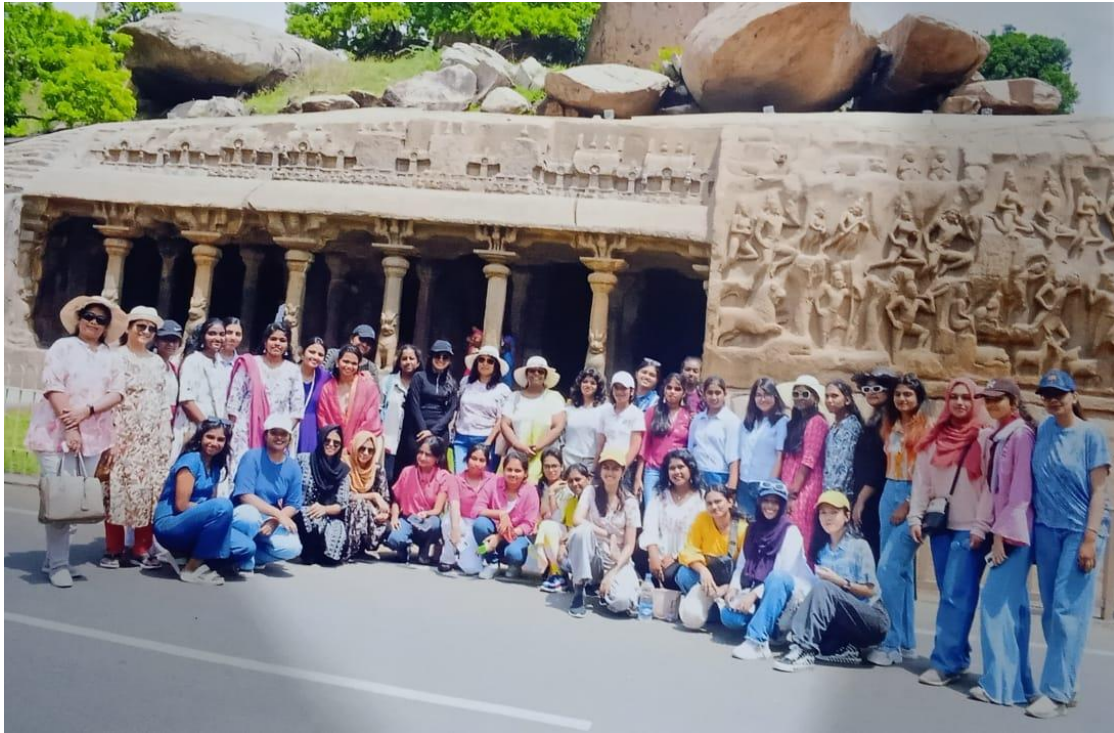
The students also visited the Lalbagh Botanical Garden on 8<sup>th</sup> December 2023 to study about the objectives, components and styles of gardens. The students witnessed a variety of ornamental colourful flowering plants, Bonsai, different types of flower decorations.



The departments of Botany and Biotechnology organised a visit to the Zion Memorial Trust as apart of the Out Reach Program on the 18<sup>th</sup> of December 2023. The students generously donated towards helping the blind people and the handicapped of the organisation. This visit enabled the students to ever be grateful for their families and the blessings and privileges that they enjoy.



An Industrial Study tour was organised to Mahabalipuram and Pondicherry from 18<sup>th</sup> to 23<sup>rd</sup> June 2024. 40 students accompanied by 4 faculty members from the departments of Botany, Biotechnology and Zoology.



The students had a nice exposure at the Pearl Museum where different types of sea shells collected by one person across the globe. The students got to learn about the process of pearl formation. The students also visited the mineral ore museum.



Varieties of monstrous crocodiles was seen at the Crocodile Bank.

The students were given a very elaborate explanation about the practices involved in prawn rearing at the Prawn Hatchery.



The visit to The Aurobindo Handmade Paper Industry was an eyeopener to know the process involved in making different types of marble and printed hand made paper from raw materials like cotton fabric.



The boat ride through the world's second largest mangroves at Pichavaram was indeed a treat to the eyes and a wholesome blissful experience in the midst of nature.

The trip had some memorable experiences travelling together, playing, having fun and also learning together.

Esther Watson

Department of Botany

