

Department of Botany, Holy Cross College, Agartala

Report on

Nexus Board Creation by Botany Honours Students

Objective:

The project involved creating a Nexus board that visually and informatively presents key processes of Plant Physiology. This report outlines the steps taken by Botany Honours students in the month of March to design and execute the board.

The students selected the processes of photosynthesis from plant Physiology. The Nexus board was divided into sections, each dedicated to a different physiological process. **students have presented different steps of photosynthesis**. They have illustrated the light-dependent and light-independent reactions (Calvin Cycle). Process of chlorophyll capturing light energy Breakdown of photolysis of water. ATP synthesis and carbon fixation. To enhance understanding, students incorporated the complex processes such as the Calvin cycle

The Nexus board served as an innovative, visual representation of essential plant physiology processes, providing an engaging learning tool for both students and visitors. The students successfully demonstrated their understanding of complex topics through creative visualization, interactive features, and detailed content.

This report outlines the creative process and execution of the Nexax board by Botany Hons students, covering key processes in plant physiology.





Prepared By-

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20.3.24

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[Signature]
20/03/2024

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Department of Botany,
HOLY CROSS COLLEGE, AGARTALA



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ACCREDITED BY NAAC WITH 'A+' GRADE (CYCLE:2)

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DEPARTMENT OF BOTANY


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NOTICE

All 1st semester (NEP) Botany (Major) students are hereby informed to prepare a notice board display within 28.02.2024 on any educational topic of their choice which will be displayed in the college notice board named "NEXUS" in the month of March, 2024. The selected topics should be relevant to your course of study and should aim to provide educational value to your peers.

This activity is a valuable opportunity to showcase creativity, subject knowledge and teamwork. Students are encouraged to collaborate in groups and consult with the faculty members for guidance if needed.


02/02/2024

Dr. Debasree Lodh
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