

Report on Tissue Culture Laboratory visit at Scottish Church College by Semester III & V students of the Department of Botany, Gurudas College on 5th Dec, 2024. Resource sharing between Scottish Church College and Gurudas College as part of the Memorandum of Understanding (MoU) between the two colleges

As part of the academic collaboration under the Memorandum of Understanding (MoU) between Gurudas College and Scottish Church College, Semester III Botany Major (CCF system) and Semester V Botany Honours (CBCS system) students from Gurudas College visited the Tissue Culture Laboratory at Scottish Church College. The visit aimed to provide hands-on exposure to plant tissue culture techniques, enhancing their practical knowledge beyond classroom learning. Dr Anwesha Biswas and Dr Mitu De of the Department of Botany accompanied the students. The students got a chance to see the equipment that are essential for plant tissue culture. Dr Amitava Roy, Head, Department of Botany delivered an introductory lecture on different aspects of Tissue Culture. Students received an overview of micropropagation, callus culture, and somatic embryogenesis, emphasizing their applications in plant biotechnology. The session also highlighted the role of tissue culture in conserving endangered species, producing disease-free plants, and improving crop varieties. Dr Roy also discussed career prospects in plant biotechnology, inspiring students to explore further studies and research.



Dr. Amitava Roy and other faculty members personally explained about the instruments required for tissue culture. All students were instructed to use face and head masks before entering the main tissue culture unit.





It was an excellent opportunity to see the instruments and equipment used for tissue culture as well as see plants growing in the media in jars.





Group photo of all Gurudas College students & faculty with host college faculty, Dr. Amitava Roy and Dr. Biplab Bhowmick who is incidentally Gurudas College alumnus.



It was a pleasant surprise to see known faces of faculty of two other colleges on the day of the visit to the Tissue Culture laboratory at Scottish Church College. This group photograph has the students and faculty of three different colleges and the host college faculty members.

Resource sharing between Scottish Church College and Gurudas College as part of the Memorandum of Understanding (MoU) between the two colleges

A Memorandum of Understanding (MoU) between colleges serves as a formal agreement to foster academic collaboration and resource sharing. It helps institutions enhance educational quality, promote research, and provide students with broader learning opportunities. The cross-institutional teaching and learning experiences during this visit was very enriching.



The two faculty members of Gurudas College were privileged to be able to take a picture with the Principal, Scottish Church College, Dr. Madhumanjari Chaubey Nee Mandal who incidentally is of the Department of Botany of Scottish Church College.

The visit provided an invaluable practical learning experience, bridging theoretical concepts with real-world applications. It strengthened academic ties between the institutions, fostering knowledge exchange and research collaboration. The students gained insights into advanced plant propagation techniques, preparing them for future endeavours in botany and biotechnology.



Kolkata, West Bengal, India
12, Duff St, Manicktala, Azad Hind Bag, Kolkata, West Bengal
700006, India
Lat 22.588119° Long 88.369974°
05/12/24 03:27 PM GMT +05:30

Scottish Church College has a MoU with Gurudas College, a group picture with Mr. Debasish Ghosh, the Nodal Officer, Scottish Church College and Gurudas College faculty and Semester V Botany Honours students (under CBCS system).



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1 & 3, Urquhart Square, Manicktala, Azad Hind Bag, Kolkata,
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Lat 22.588137° Long 88.369985°
05/12/24 03:26 PM GMT +05:30

Group picture with Mr. Debasish Ghosh, the MoU Nodal Officer with Gurudas College of Scottish Church College and Gurudas College faculty and Semester III Botany Major (under CCF system) students.