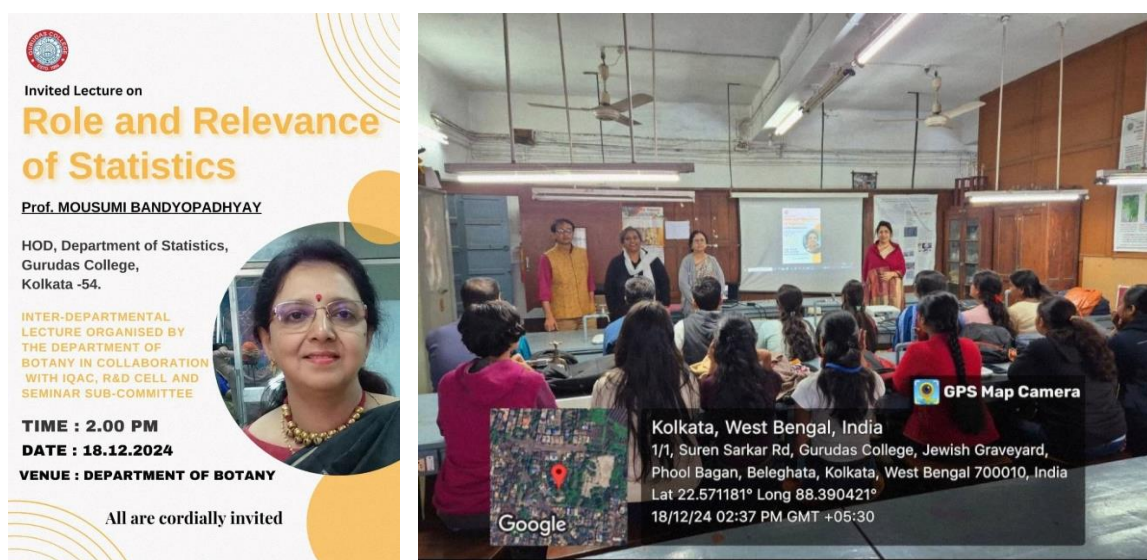


Report on the Inter Departmental talk organised by the Department of Botany in collaboration with IQAC on 18th December, 2024.

An inter-departmental talk was organised by the Department of Botany in collaboration with IQAC on 18th December, 2024. The invited speaker Prof. **Mousumi Bandyopadhyay**, Head, Department of Statistics, Gurudas College. The topic of the talk was “Role and Relevance of Statistics.”



This talk by the Statistics faculty for Botany Major students was organized to highlight the crucial role of statistical analysis in botanical research. Also, Biostatistics is in the curriculum for Semester V Botany Honours students under the CBCS system. Also, the Semester III Botany Major students under the CCF system have Statistics as their Inter-disciplinary subject. The session was aimed to bridge the gap between theoretical botany and practical data-driven insights, enhancing students' analytical skills. Students of 1st, 3rd and 5th semesters with Botany Major or Botany Honours attended this lecture.

The speaker elaborated on the importance of statistical methods in ecological studies, genetics, plant taxonomy, and experimental research. Basic statistical techniques such as hypothesis testing, tests for significance, correlation analysis,

and probability distribution were briefly discussed with examples relevant to botany.



The talk provided an interdisciplinary perspective, emphasizing the need for statistical literacy in botanical sciences. Students gained insights into data interpretation, which is essential for future research,. The session encouraged collaboration between departments, fostering a more holistic academic approach.





