

St. Paul's Cathedral Mission College

Department of Chemistry

Report on Student Participation in the Symposium organized by The Heritage College in collaboration with the UGBOS Chemistry, University of Calcutta

A one-day symposium on “Computational Insights for Undergraduate Laboratories: Empowering Educators and Students in Physical Chemistry” was organized on 8th May 2026 at The Heritage College in collaboration with the UGBOS Chemistry, University of Calcutta. The programme was attended by the students of Semester IV and Semester VI of the Department of Chemistry, St. Paul's Cathedral Mission College. The symposium aimed to introduce students and educators to the growing role of computational methods in undergraduate physical chemistry laboratories and their practical applications in modern scientific studies.

The event began with an interactive discussion on the well-being of students during semester examinations, emphasizing the importance of maintaining both mental and academic balance. This was followed by highly informative technical sessions focusing on the practical implementation of Microsoft Excel in computational physical chemistry. Several advanced and lesser-known Excel operations, such as Goal Seek and Solver functions, were demonstrated with real laboratory-oriented examples. The sessions provided valuable insights into data analysis, numerical calculations, and computational problem-solving techniques that can significantly improve laboratory efficiency and understanding.

The organizers and faculty members of The Heritage College extended warm hospitality to all participants throughout the programme. The arrangements, guidance, and interactive environment made the symposium both enriching and enjoyable for the attendees. Overall, the event proved to be highly beneficial for the students, broadening their understanding of computational approaches in chemistry and inspiring them to apply these techniques in future academic and research activities.

Event Overview:

- **Event Name:** Computational Insights for Undergraduate Laboratories: Empowering Educators and Students in Physical Chemistry
- **Host Institution:** The Heritage College, Kolkata
- **Total Participants:** 14 (Fourteen); Two Teams
- **Team Members:**

Team-1: From Semester-VI

Sl. No.	Name	College Roll No.
1.	Subhrojit Nandy	3001
2.	Sourjo Mukhopadhyay	3026
3.	Swastika Acharyya	3006
4.	Arpita Mondal	3004
5.	Gourab Das	3020
6.	Praymanjita Das	3028
7.	Subhajit Patra	3022

Team-2: From Semester-IV

Sl. No.	Name	College Roll No.
1.	1. Subho Halder	3001
2.	2. Mrinmoyee Giri	3116
3.	3. Shramana De	3104
4.	4. Debasmita Adhikari	3005
5.	5. Amrick Maity	3003
6.	6. Kaji Md. Hameem	3103
7.	7. Momtaj Mondal	3105

A few glimpses are:

