

## **EVENT 1:**

**Date:** 2<sup>nd</sup> May, 2022

**Title of the event:** Poster presentation competition

**Name of the Department:** Biochemistry

**Organizing Committee:** Department of Biochemistry, IQAC, Asutosh College

### **Summary of the event:**

The Department of Biochemistry organized a one day poster presentation competition event. The topics of poster presentations were the following:

1. Heavy metal toxicity in human health
2. Community diseases
3. Advanced molecular biology technique in disease diagnosis

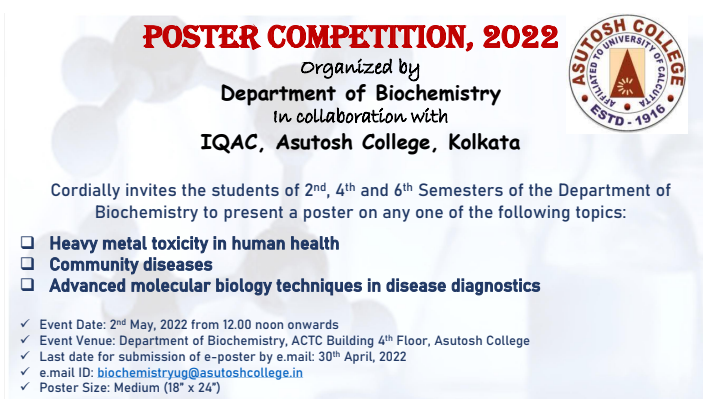
The Biochemistry students of three semesters participated in the poster presentation event and presented numerous numbers of informative posters on the above topics.

Amongst them three students were considered as winner of the event.

### **Benefits/outcome of the initiative of the students:**


Poster sessions offer the opportunity to practice the presentation skills. One advantage of presenting a poster is that it enables a student to try explaining a concept in different ways, and see which explanation is most well received.

Lastly, A poster presentation allows viewers to read the research material and to interact with the presenter by asking questions about methods or findings.



**POSTER COMPETITION, 2022**

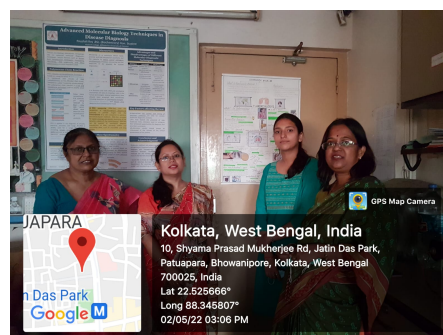
Organized by  
**Department of Biochemistry**  
in collaboration with  
**IQAC, Asutosh College, Kolkata**

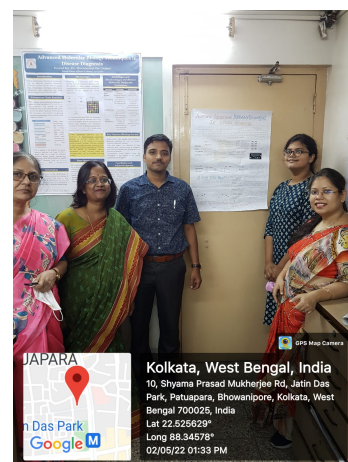
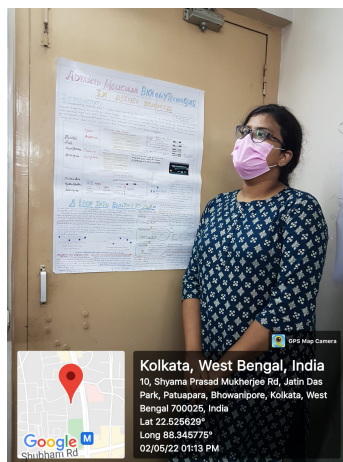
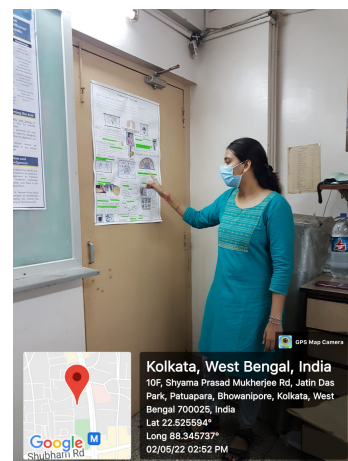
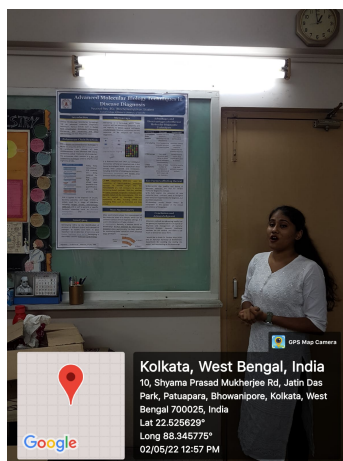
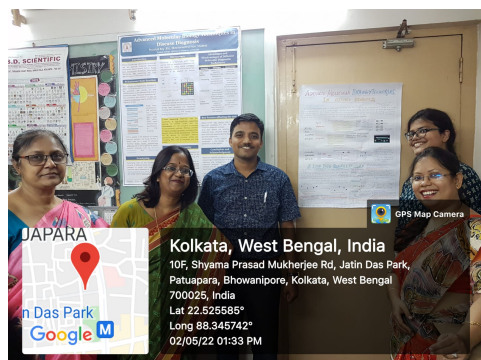


Cordially invites the students of 2<sup>nd</sup>, 4<sup>th</sup> and 6<sup>th</sup> Semesters of the Department of Biochemistry to present a poster on any one of the following topics:

- Heavy metal toxicity in human health
- Community diseases
- Advanced molecular biology techniques in disease diagnostics

✓ Event Date: 2<sup>nd</sup> May, 2022 from 12.00 noon onwards  
✓ Event Venue: Department of Biochemistry, ACTC Building 4<sup>th</sup> Floor, Asutosh College  
✓ Last date for submission of e-poster by e.mail: 30<sup>th</sup> April, 2022  
✓ e.mail ID: [biochemistryug@asutoshcollege.in](mailto:biochemistryug@asutoshcollege.in)  
✓ Poster Size: Medium (18" x 24")





## **EVENT 2:**

**Date :** 21<sup>st</sup> May, 2022

**Title of the event :** Free Health awareness and medical camp for children 2-15 yrs and mothers from underprivileged group

**Name of the Department :** Biochemistry

**Organizing Committee :** Department of Biochemistry, IQAC, Asutosh College

### **Summary of the event:**

With the aim of knowledge transfer, the Department of Biochemistry organized an extremely useful medical camp for underprivileged community which was also an initiation project under Innovation cell. Teachers of Department of Biochemistry with some semester 2 students visited a slum near south Kolkata Garia (Birji Slum). A thorough health check up was done among 20 slum people with the help of Dr Nandini SinhaRay (Designation and Prescription attached). She prescribed medicines, vitamins to those unfortunate peoples which is highly useful for them. Also Biochemistry teachers helped them financially to purchase the medicine.

In the awareness part our students give some valuable advice regarding nutrition and hygiene to the children and women of the slum.

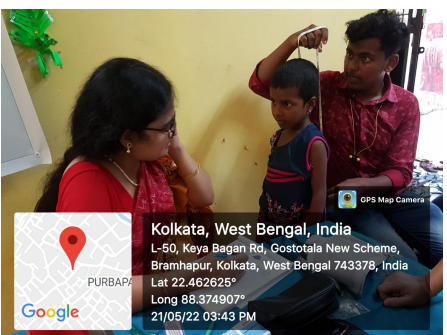
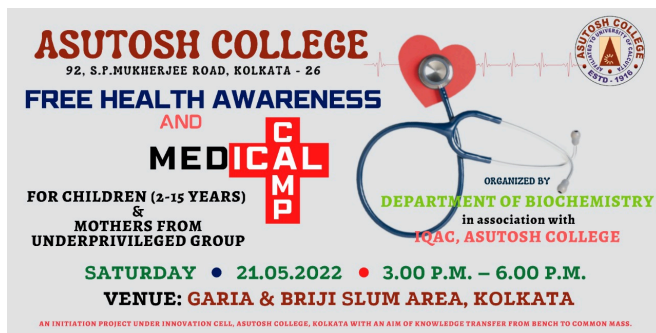
Also they transfer some of basic knowledge of Biochemistry to those underprivileged people. Lastly the teachers and students of Biochemistry served the patients a healthy food.

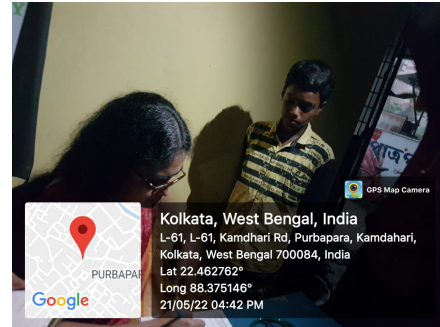
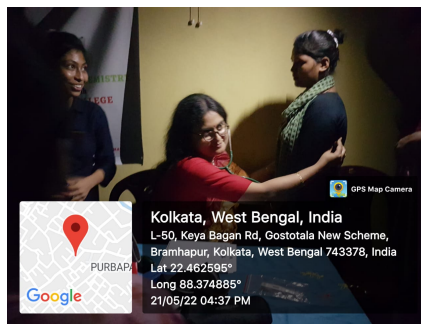
### Benefits/outcome of the initiative:

Free medical camps were set up with a sacred aim to bring awareness amongst the deprived population of that particular slum area who have no access to basic healthcare services or knowledge about the diseases they are suffering from.

The underprivileged community of that particular area attended these camps to get free check-up and treatment. Getting the appropriate kind of health checkup is vital for every human being and while considering it, some important factors like age, lifestyle, family background, and risks were taken into account.

One can live longer and healthier only when the individual gets the right kind of health check-up, screening, and treatments at the right time.





### **EVENT 3:**

**Date :** 27<sup>th</sup> May, 2022

**Title of the event :** One-Day Workshop-cum-Seminar on Clinical Significance and Detection of Glycosylated Hemoglobin and Hepatitis B and C viruses.

**Name of the Department :** Biochemistry

**Organizing Committee :** Department of Biochemistry, IQAC, Asutosh College

#### **Summary of the event:**

With the aim of knowledge transfer, the Department of Biochemistry organized very informative seminar lectures on clinical significance of Glycosylated Hemoglobin and hepatitis B and C; whereby the effects of hypoglycemic/hyperglycemic states of diabetic individuals have been relevantly explained by Medical expert , Dr. Sujoy Majumdar and Scientist, Dr. Maitree Bhattacharya with different case studies. The workshop highlighted on the direct estimation of HbA1c from the blood of diabetic patients conducted by Dr. Chandra Chaudhuri. She also demonstrated on the identification of Hepatitis B and C viruses from blood of patients by Rapid Test Cassette methods. Dr. Shreyasi Palit, Assistant Professor of Sarsuna College, Kolkata who is also an alumnus of Asutosh College was invited as another resource person. She delivered a very good lecture on different types of cancer and it's detection by Immunohistochemistry. UG Students of Semester 6 and Semester 4 participated in the seminar from different colleges. PG students from other Universities also participated in both the workshop and seminar. Teachers from UG Biochemistry Departments of other colleges of Calcutta University also participated in it. Even glycosylated Hb estimations were also estimated for faculties by a free bedside camp from Accurex.

#### **Benefits/outcome of the initiative for the students:**

In this project under knowledge transfer the students could participate in an encouraging session on Diabetes and its effects on individuals. They could enrich themselves on the concept of Glycosylated Hemoglobin both from the point of view of a doctor and a scientist. Teachers got highly enlightened after getting exposed to workshop on blood HbA1c profile and rapid tests for estimation of viruses in infected samples. All the faculties who participated in the event could even get their HbA1c estimated by a free camping from company, Accurex

by HbA1c estimating glucometer. This helped faculties to analyze their blood glucose concentrations over a period of three months which is usually an expensive test in routine clinical laboratories and is a part of the syllabus of UG Biochemistry practical also.



**ASUTOSH COLLEGE**  
92, S.P.MUKHERJEE ROAD, KOLKATA - 26

**ONE-DAY  
WORKSHOP-CUM-SEMINAR  
ON  
CLINICAL SIGNIFICANCE AND DETECTION  
OF  
GLYCOSYLATED HAEMOGLOBIN & HEPATITIS B & C VIRUSES**

ORGANIZED BY  
**DEPARTMENT OF BIOCHEMISTRY**  
in association with  
**IQAC, ASUTOSH COLLEGE**

VENUE: SEMINAR HALL, CENTENARY BUILDING, ASUTOSH COLLEGE  
● 27 May, 2022 ● 10:30 A.M. ●

Free Camping for students from glycosylated Hemoglobins for faculties by Accurate

**GUEST SPEAKERS**  
DR. ROY MADHUR  
DR. RAJIB  
PROFESSOR DR. MAITREY  
BISWAS

AN INITIATION PROJECT BY ASUTOSH COLLEGE, KOLKATA WITH THE AIM OF KNOWLEDGE TRANSFER AMONG FACULTY MEMBERS AND STUDENTS (UG & PG) OF OTHER COLLEGES.

