

Date: 9th November, 2022

Time: 9.30 am – 4.30 pm

Venue: Seminar Hall, Centenary Building, Asutosh College, Kolkata

Title of the event: Thalassemia Awareness and Screening Program

Name of the Department: Biochemistry

Organizing Committee: Department of Biochemistry in association with IQAC and Health Care Unit, Asutosh College & Nilratan Sircar Medical College & Hospital, Kolkata

Speaker details:

Dr. Soumya Mukherjee, MBBS, MD, DM (Clinical Haematology), Consultant Haematologist and Haemato oncologist, Ruby General Hospital, Kolkata

Dr. Tuphan Kanti Dolai, MD (Medicine), DNB (Medicine), DM, Professor and Head, Department of Haematology, Nilratan Sircar Medical College and Hospital, Kolkata

Summary of the event:

The Department of Biochemistry organized the one-day thalassemia awareness and screening program in coordination with NRS Medical College and Hospital, Kolkata. The program was divided into two parts: (a) seminar lectures on thalassemia and (b) blood testing for screening of thalassemia. The seminar lectures were delivered by Dr. Soumya Mukherjee, Consultant Hematologist and Hemato Oncologist, Ruby General Hospital and Dr. Tupahn Kanti Dolai, Professor & Head, Hematology, NRS Medical College & Hospital, Kolkata.

The lectures focused on the description of causes of thalassemia, the global and national statistics of prevalence of the disease, the types of thalassemia, the signs and symptoms of the disease, the role of genetics towards the disease manifestation and the treatments. The main target of these two lectures was to aware the audience about the prevention of the disease. The only way to do this is to have blood testing to know whether the individual is normal or a carrier of the disease. In this respect, the physicians also discussed about the different methods of testing thalassemia (HPLC, CE). They mainly highlighted and emphasized on the fact that how the knowledge about one's own status of whether the person is a carrier is important to determine the fate of the future off-springs. Since the thalassemia is an autosomal recessive disorder, the chances of occurrence of the disease among the off-springs is 25% and 50% if one of the parents is carrier and both of them are carriers respectively. The

physicians vividly described that how an individual born with thalassemia becomes a burden for himself/herself, for the family and for the society overall as they require continuous blood transfusions which are not only costly but also decreases life expectancy by giving rise to numerous physiological complexities. Therefore, the screening of thalassemia is utmost necessary. The physicians also mentioned that though India has not yet accepted this as a law, many countries like China, Sri Lanka, Cyprus have made the screening of thalassemia a compulsory necessity by law for every citizen before marriage and how this has helped to eradicate the disease in many places like Cyprus. There was a discussion on the various challenges faced in the country regarding the spreading of awareness about thalassemia particularly in rural areas.

The counseling for thalassemia screening was done by Dr. Dolai himself and the screening was done by a medical team of five members from the haematology department of NRS Medical College & Hospital, Kolkata. The participants were from the students from the different departments of Asutosh College, Kolkata.

The reports were generated by 24th November and collected by the department of Biochemistry and distributed to the students. Total 57 students participated in the screening programme whereas 3 of them were detected to be carrier of the disease i.e. 5.26% of the total population tested. Those three were counseled for testing of their siblings for thalassemia also and they were also informed that they must go for testing for the same for their spouses before they get married.

NB: The reports are not attached here for the confidentiality purpose.

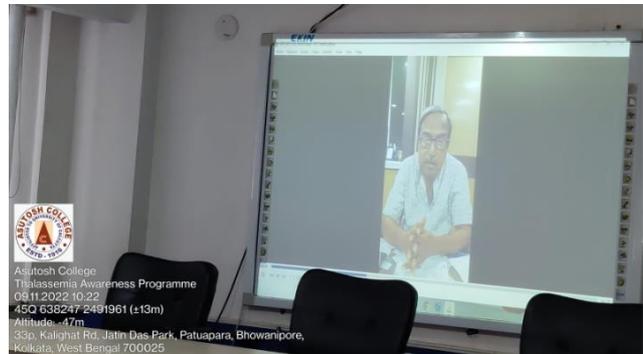
Benefits/outcome of the initiative for the students:

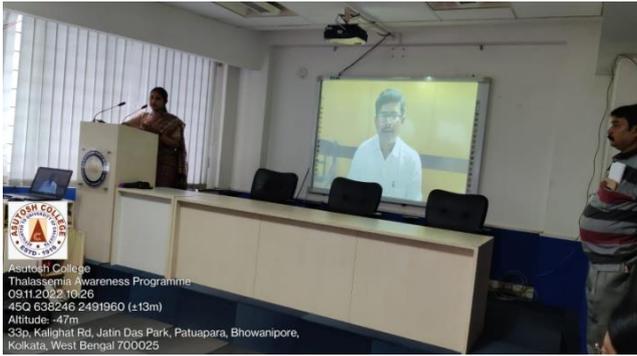
The sole purpose of the conducting the Thalassemia Awareness and Screening Program in the Department of Biochemistry is to aware the students about the disease and encourage them to donate blood for their own thalassemia testing. Therefore, the two highly enchanting lectures enlightened the participants with facts about the disease and the importance of screening themselves for the disease. The students will also share the knowledge with others inside and outside the college which will help to develop a mass awareness in many parts of the society. This initiative also benefitted the students to have their own testing for thalassemia at free of cost.

Future Goal:

This organising committee has a plan to make it an annual program so that each year newly admitted students could get a chance to enrol themselves for this program and test themselves. Thalassaemia campaign at socially backward population is another future target as an outreach program.

Photo Gallery:





Asutosh College
Thalassemia Awareness Programme
09/11/2022 10:26
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Altitude: -47m
33p, Kalighat Rd, Jatin Das Park, Patuapara, Bhowanipore,
Kolkata, West Bengal 700025



Asutosh College
Thalassemia Awareness Programme
09/11/2022 10:45
45Q 638246 2491961 (±12m)
Altitude: -49m
33p, Kalighat Rd, Jatin Das Park, Patuapara, Bhowanipore,
Kolkata, West Bengal 700025



Asutosh College
Thalassemia Awareness Programme
09/11/2022 10:42
45Q 638247 2491961 (±12m)
Altitude: -49m
33p, Kalighat Rd, Jatin Das Park, Patuapara, Bhowanipore,
Kolkata, West Bengal 700025



Asutosh College
Thalassemia Awareness Programme
09/11/2022 12:04
45Q 638247 2491960 (±16m)
Altitude: -47m
33p, Kalighat Rd, Jatin Das Park, Patuapara, Bhowanipore,
Kolkata, West Bengal 700025



Asutosh College
Thalassemia Awareness Programme
09/11/2022 12:06
45Q 638246 2491960 (±12m)
Altitude: -47m
33p, Kalighat Rd, Jatin Das Park, Patuapara, Bhowanipore,
Kolkata, West Bengal 700025



ডাঃ তুফান দৌলুই
DM (Clinical Hematology)
MD (Medical Microbiology),
Professor and Head of Hematology
Hematology Department
NRS Medical College, Kolkata, India

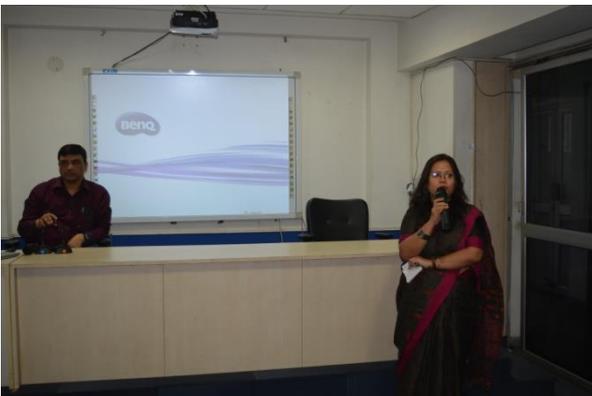


Asutosh College
Thalassemia Awareness Programme
09/11/2022 10:38
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33p, Kalighat Rd, Jatin Das Park, Patuapara, Bhowanipore,
Kolkata, West Bengal 700025



Asutosh College
Thalassemia Awareness Programme
09/11/2022 12:03
45Q 638246 2491961 (±10m)
Altitude: -47m
33p, Kalighat Rd, Jatin Das Park, Patuapara, Bhowanipore,
Kolkata, West Bengal 700025







Report

Seminar on Antimicrobial Awareness

By Dr. Dipika Menon

18 November 2022



The poster features a light blue background with a red border. At the top left is a drawing of a bacterium. At the top center is the Asutosh College logo. The main title 'ASUTOSH COLLEGE' is in large brown letters, followed by the address '92, S.P. MUKHERJEE ROAD, KOLKATA - 26'. Below this, 'SEMINAR ON' is in red, and 'ANTIMICROBIAL AWARENESS' is in large blue and black letters. In the center, there are two circular diagrams: one showing a hand being washed and another showing a person's head with a brain. To the right, there is a bowl of various pills and capsules. Below the diagrams, it says 'Organised By DEPARTMENT OF MICROBIOLOGY in association with IQAC, ASUTOSH COLLEGE'. A circular logo on the right says 'HANDLE ANTIMICROBIALS WITH CARE'. At the bottom left is a circular portrait of Dr. Dipika Menon, with her name and title 'Clinical Microbiologist, Medica Superspeciality Hospital, Kolkata' next to it. At the bottom right, the date '18 NOVEMBER, 2022' and time '12:00 NOON' are displayed. The venue information is at the bottom: 'Venue: Seminar Hall, Centenary Building, Asutosh College, 22, Kalighat Road, Kolkata - 700025'.

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

SEMINAR ON
**ANTIMICROBIAL
AWARENESS**

Organised By
DEPARTMENT OF MICROBIOLOGY
in association with
IQAC, ASUTOSH COLLEGE

GUEST SPEAKER
DR. DIPIKA MENON
Clinical Microbiologist
Medica Superspeciality Hospital, Kolkata

18
NOVEMBER, 2022
12:00 NOON

Venue: **Seminar Hall, Centenary Building, Asutosh College**
22, Kalighat Road, Kolkata - 700025



A Seminar on “Anti-microbial Awareness” was organized by Dept. of Microbiology in association with IQAC, Asutosh College on 18 November 2022, Friday, to observe “World Anti-microbial Awareness Week” from 17-18 Nov 2022.

Convener:

Dr. Kuntal Kanti Goswami, HOD, Dept. of Microbiology, Asutosh College.

Organizing Committee:

All Faculty Members of Dept. of Microbiology, Asutosh College.

Minutes of the Meeting:

- **Agenda of the Program:** Today’s world is the era of antimicrobials as antibiotics. This seminar was organized to enrich students with the knowledge of misuse of antibiotics, how they should be judiciously used and how microorganisms are getting antibiotic resistant day by day. Students also learned the prospects of Microbiology in clinical field after completing their studies and how they can pursue their career in Microbiology domain.

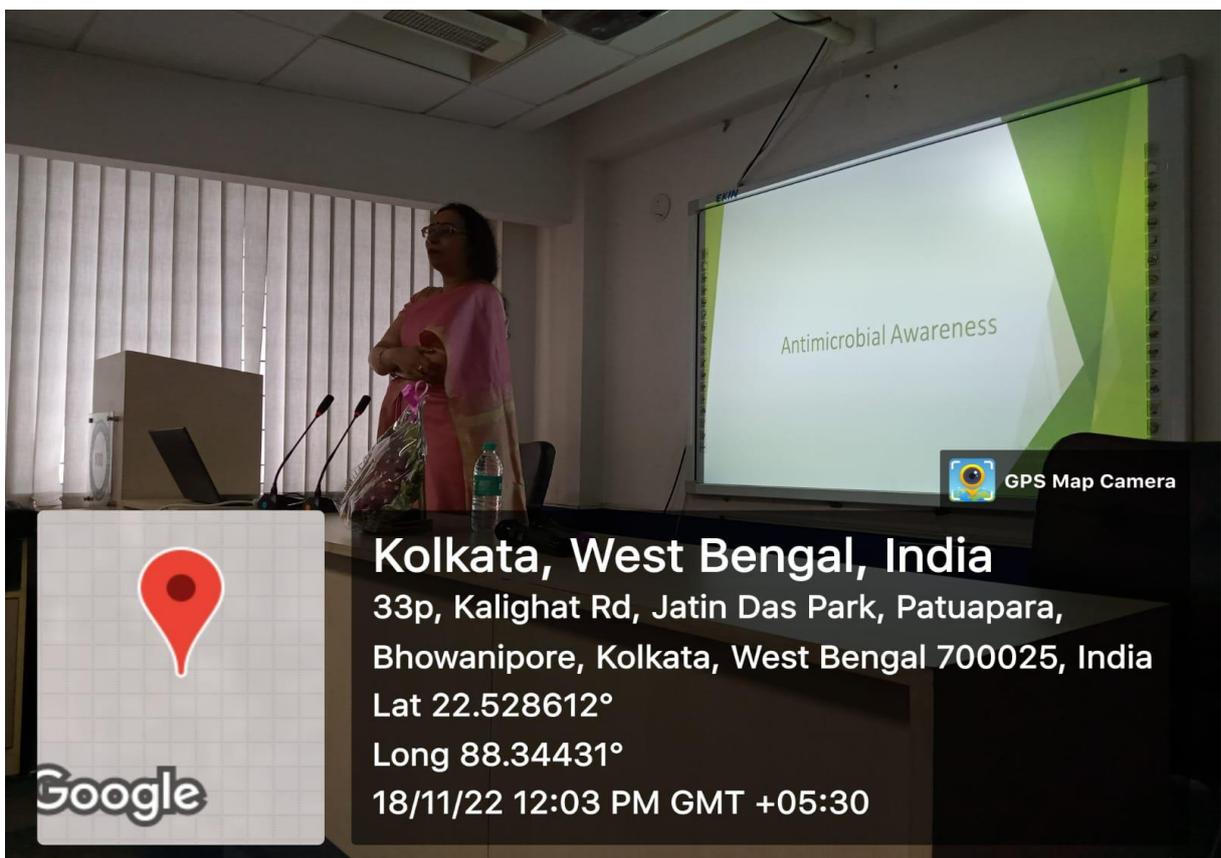
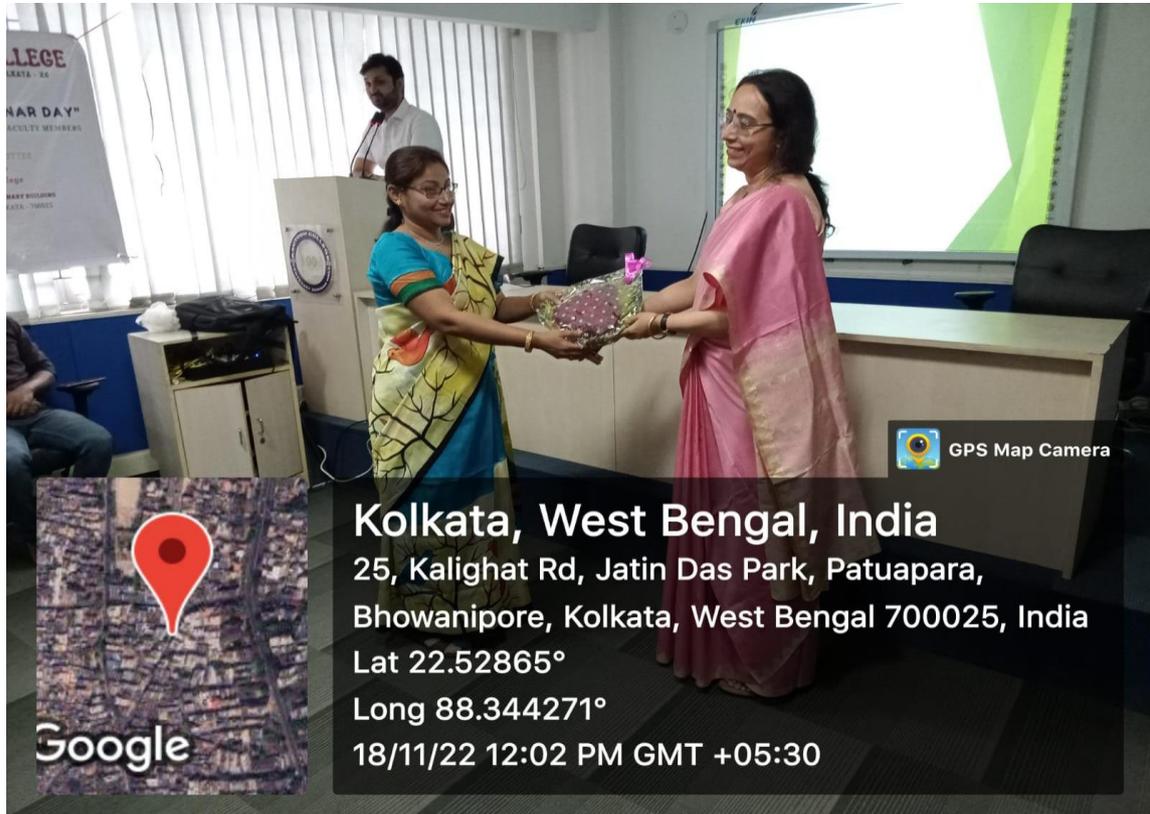
- **Resource Person:** Dr. Dipika Menon
- **Position:** Clinical Microbiologist
- **Affiliation:** Medica Superspecialty Hospital, Kolkata.

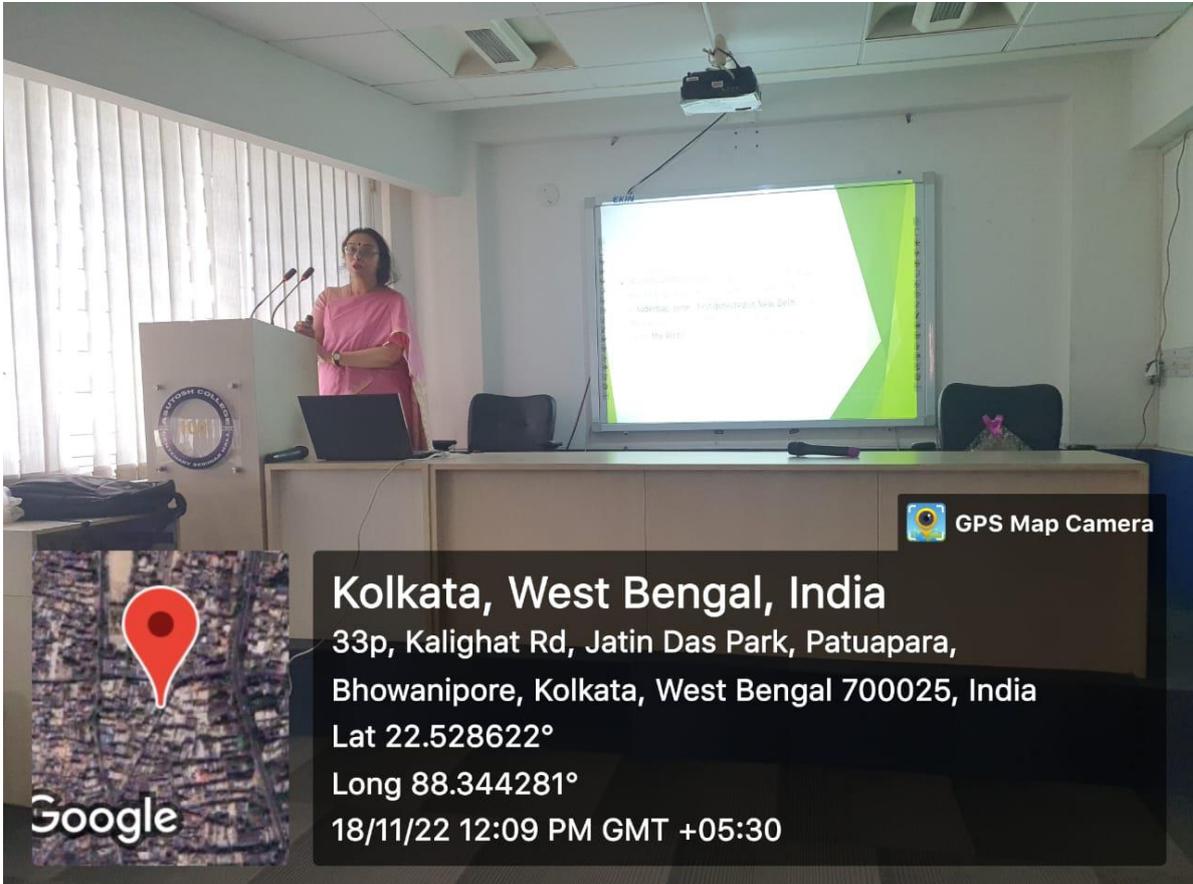
- **Course of the Event:** Dr. Menon started the session with a brief overview of what antibiotics are and what are super bugs as NDM-1. The mode of action and spectrum of activity of antimicrobials was emphasized and the difference between antibiotic spectral activity against Gram positive and Gram negative bacteria. In the latter half of the session, causes of antimicrobial resistance and anti microbial awareness was the topic of discussion. The session concluded with Antibiotic Stewardship and it’s management.

- **Interaction with students and Faculty:** Students inquired and were enlightened with the knowledge about aim of research towards new antibiotic discovery, use of phage therapy, and disc diffusion assay of antibiotics, super bugs as MRSA, VRSA, and Antibiotic Stewardship etc. All the queries were satisfactorily answered by the resource person.

- **Vote of Thanks given by:** Mrs. Nilanjana Bose, Faculty, Dept. of Microbiology, Asutosh College.

- Some Glimpse of the Session:







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92, S.P.MUKHERJEE ROAD, KOLKATA - 26

SEMINAR ON

BASICS OF ANALYSIS OF VARIANCE



Organised By

DEPARTMENT OF STATISTICS

in association with

IQAC, ASUTOSH COLLEGE

GUEST SPEAKER

PROF. KASHINATH CHATTERJEE

Adjunct Professor,

Department of Population Health Sciences,

Division of Biostatistics and Data Science,

Medical College of Georgia



25

NOVEMBER, 2022
01:15 P.M.

Venue: **Room No. 49, 3rd Floor, Main Building, Asutosh College**

ALUMNI LECTURE SERIES

ORGANIZED BY THE DEPARTMENT OF STATISTICS IN
COLLABORATION WITH INTERNAL QUALITY ASSURANCE CELL,
ASUTOSH COLLEGE.

DATE: FRIDAY, NOVEMBER 25, 2022 AT 1:15 PM

**VENUE: ROOM NO. 49, 3RD FLOOR, MAIN BUILDING, ASUTOSH
COLLEGE**

SPEAKER: PROF. KASHINATH CHATTERJEE, Adjunct Professor,
Department of Population Health Sciences, Division of Biostatistics and Data
Science, Medical College of Georgia, Augusta University, Georgia, USA and
Former Professor of Statistics, Visva-Bharati University, Santiniketan, India.

TOPIC: Basics of Analysis of Variance

Organizing Committee:

Convenor – Dr. Shirsendu Mukherjee

Members – Dr. Dhiman Dutta, Dr. Sankha Bhattacharya, Dr. Parthasarathi Bera,
Smt. Oindrila Bose

Number of Participants: 75





Kolkata West









Google

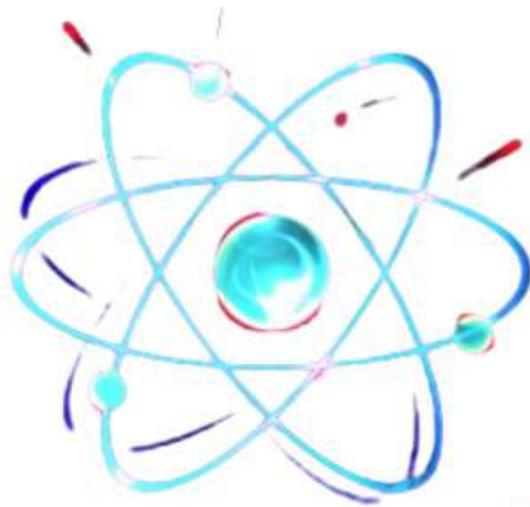


Kolkata West
Bengal India
92, Shyama Prasad
Mukherjee Rd, Jatin
Lat: 22.53 | Long: 88.3



ASUTOSH COLLEGE

92, S.P.MUKHERJEE ROAD, KOLKATA - 26



STUDENT SEMINAR DAY

Organised By
DEPARTMENT OF PHYSICS

in collaboration with

IQAC, ASUTOSH COLLEGE

November 30th, 2022 from 12 Noon Onwards

**Venue: Prof C.R. Basu Memorial Computer Laboratory
(Room No 24), Main Building, Asutosh College**

Detailed Report

The Department of Physics, Asutosh College has organized a one day event named “**Student Seminar Day**” on 30/11/2022. The required data are presented below:

Name of the Dept. - Physics

Date & Day – 30/11/2022, Wednesday.

Name of the seminar/webinar/workshop - Student Seminar Day

The organising committee -

- 1) Dr. Amit Kumar Bhattacharjee (Convener),
- 2) Dr. Parikshit Dutta (Joint Convener),
- 3) Dr. Surjya Sarathi Bhattacharyya (Event Organizer),
- 4) Dr. Aditi Das & Dr. Manorama Chatterjee (Joint Event Organizer),
- 5) Mr. Somnath Das (Flyer Preparation),
- 6) Participants - Students of Semester 3 Honours.
- 7) Judge – Dr. Amit Kumar Bhattacharjee & Dr. Parikshit Dutta.
- 8) Best Presentation Winning Student – Mr. Brijesh Panda.

YouTube Link - No. It's an offline initiative.

Brief summary of the initiative:

This unique event was inaugurated in the presence of our honourable and eminent academic personalities Prof. Apurba Roy (Vice Principal), Dr. Manas Kabi (Bursar), Prof. Keya Ghosh (Academic Subcommittee Member) and Dr. Sriparna Datta Roy (IQAC coordinator), alongwith the faculty members of the Department and **38** student participants of the 3rd Semester Honours. Prof. Roy in his inaugural speech highlighted the importance of innovative teaching-learning practices for career progression in higher academics. With the help of LaTeX beamer presentation projected via the Desktop PC at Prof. C.R. Basu Memorial Computer Laboratory, students demonstrated various projects ranging from “application of Piezoelectric

materials” to “findings of the James Webb Telescope” to “exhibit of deterministic Chaos”. Details can be found in the attached Participation photograph.

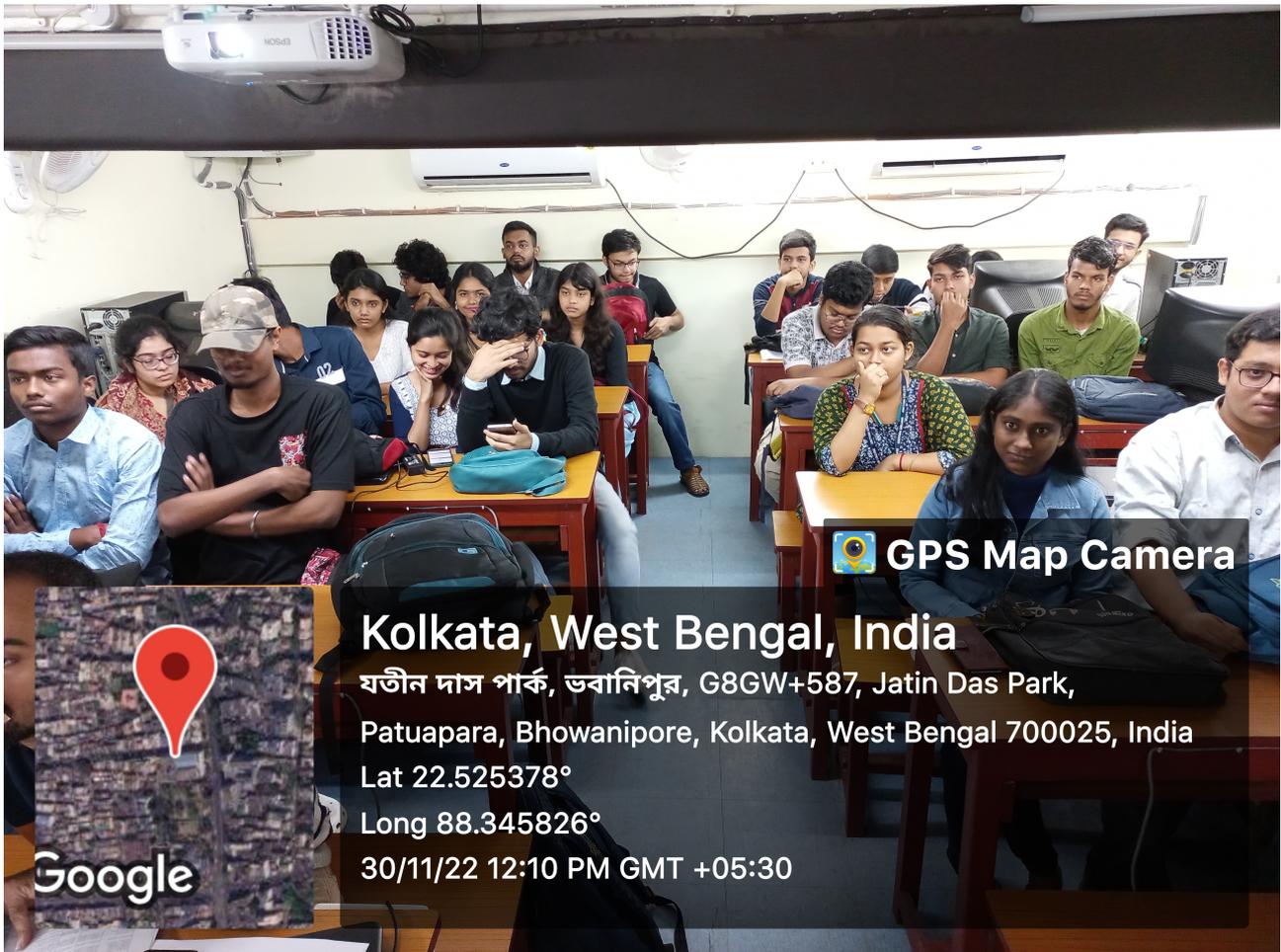
Students were evaluated based on (a) exhibited skills in preparing Seminar with LaTeX Beamer, (b) engaging presentation, (c) content of the presentation. Satisfying all these criteria, Mr. Brijesh Panda earned Rank-1 in this event. A token prize was given to him by Prof. Manorama Chatterjee. All student participants were given a small prize for participating.

During end of the seminar series, esteemed members of the IQAC committee gave surprise visit to the event, namely, (i) Dr. Amlan Chakraborty, Professor & Director, A.K.Choudhury School of Information Technology, University of Calcutta & Head, IT & Technology Innovation cell, Department of Higher Education, Govt. of West Bengal, (ii) Sri Suraj Shankar Bose, Director, Gladiatech Consultancy Services Private Limited, (iii) Smt. Kajari Banerjee, Councillor, Ward No. 73, Kolkata Municipal Corporation and (iv) Sri Debajit Chattapadhyay, Assistant Commissioner of Police, Kolkata Police. They interacted with the student participants to learn about their taken Project and their varied application outside the domain of the subject.

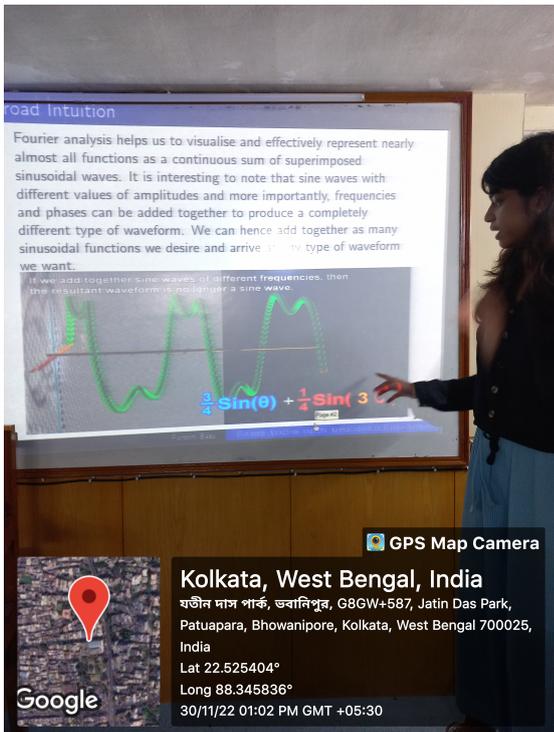
The Workshop ended with a Vote of Thanks. A few memories are attached.



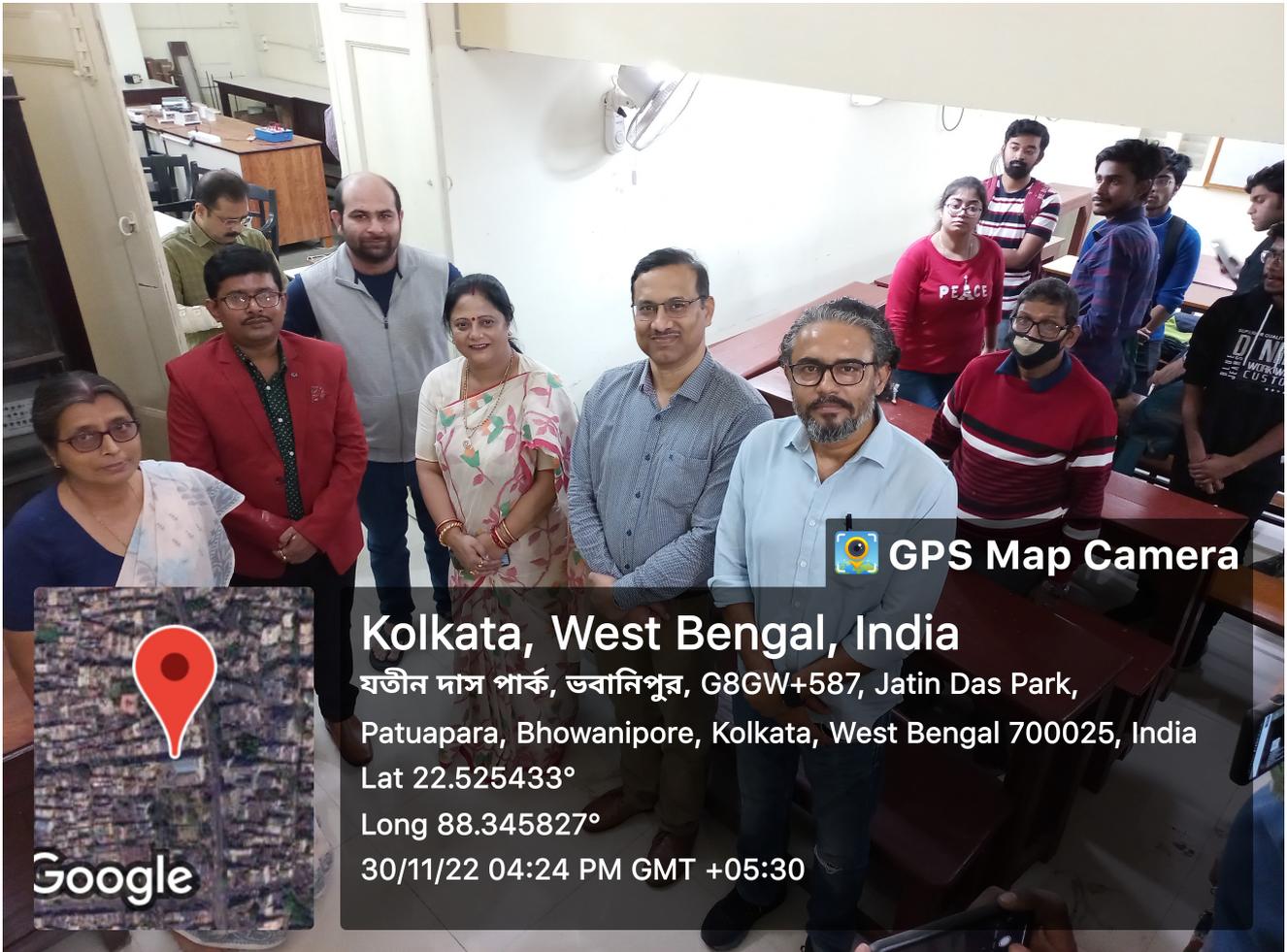
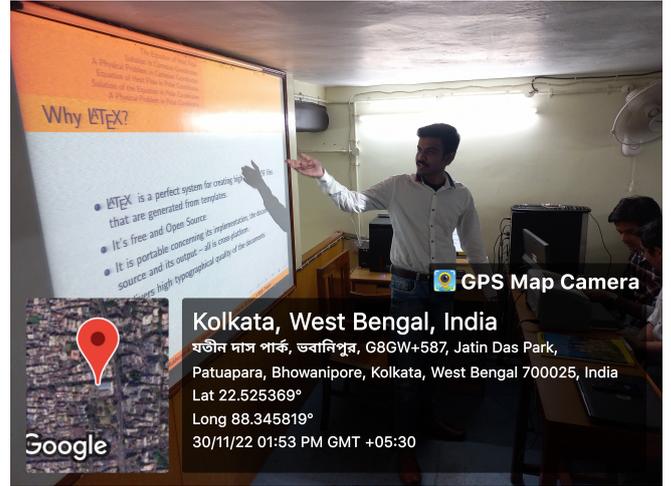
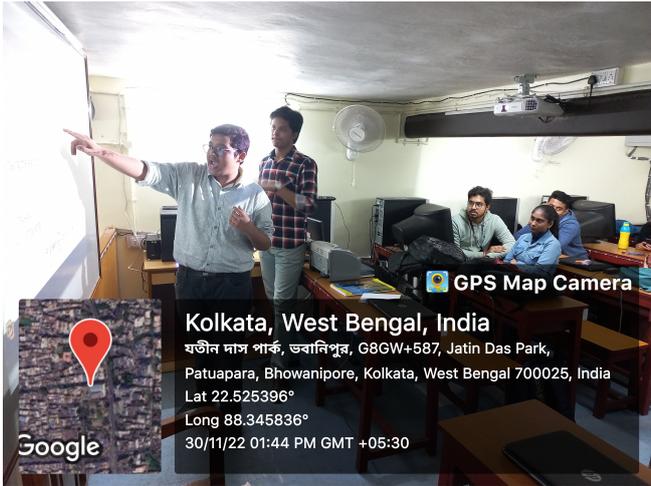
Inaugural speech by Dr. Apurba Roy (VP Sir) and Dr. Keya Ghosh (ASC Member)



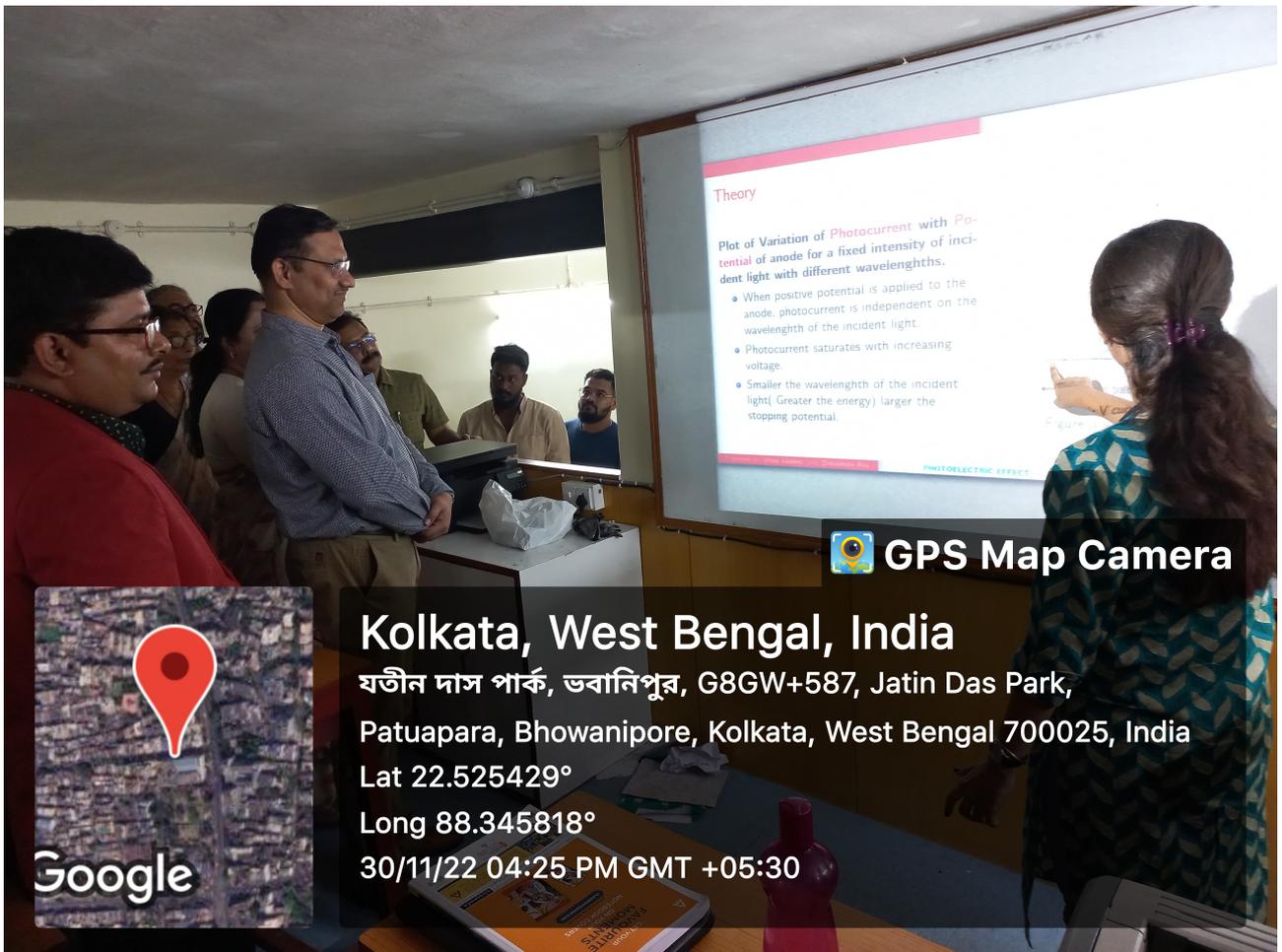
Students listening to Batchmate's presentations on pedagogical research topics



Explanation leading to establishment of the viewpoint of the taken Project



Eminent IQAC members at the venue including Dr. Manas Kabi (Bursar Sir)



Student – IQAC member Interaction about the content and application



1st Prize for Best Presentation in the event