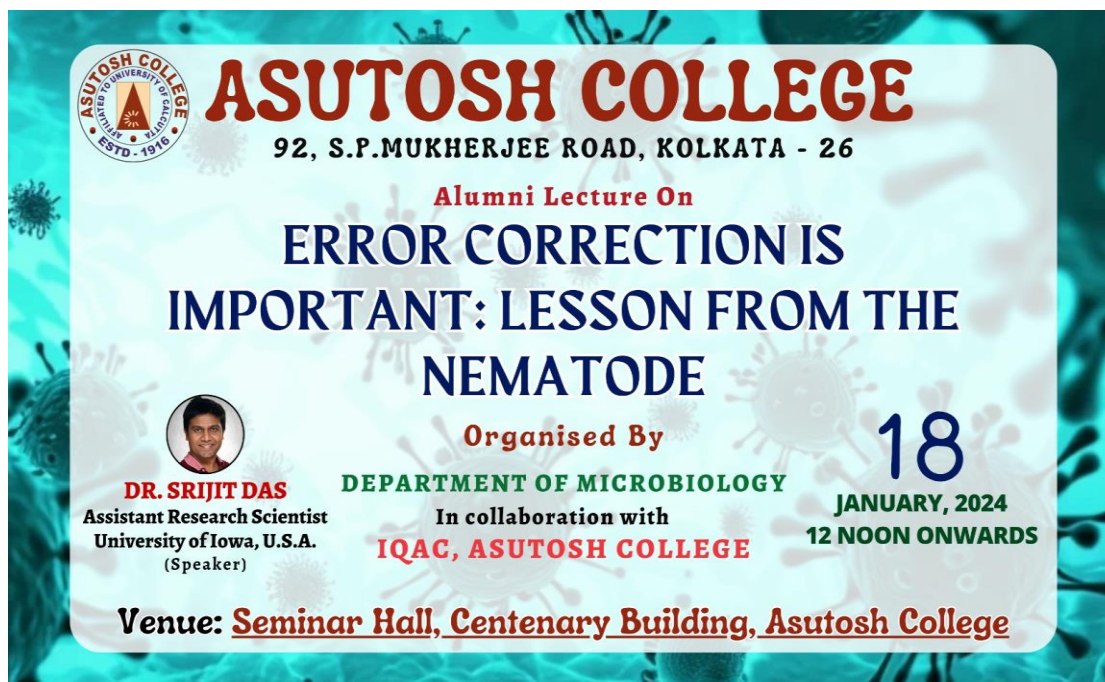


A REPORT ON ALUMNI LECTURE IN DEPARTMENT OF MICROBIOLOGY, ASUTOSH COLLEGE



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

Alumni Lecture On
**ERROR CORRECTION IS
IMPORTANT: LESSON FROM THE
NEMATODE**

Organised By
DEPARTMENT OF MICROBIOLOGY
In collaboration with
IQAC, ASUTOSH COLLEGE

18
JANUARY, 2024
12 NOON ONWARDS

DR. SRIJIT DAS
Assistant Research Scientist
University of Iowa, U.S.A.
(Speaker)

Venue: Seminar Hall, Centenary Building, Asutosh College

- **THEME OF THE ACTIVITY:** An alumni lecture was organized by department of Microbiology
- **TITLE OF THE ACTIVITY:** “Error correction is important: lessons from the nematode”.
- **ACADEMIC SESSION:** 2023-2024
- **DATE:** 18 Jan 2024
- **VENUE:** Seminar Hall Centenary Building of Asutosh College
- **OBJECTIVE/ PURPOSE:** To enrich students with the valuable information and experience of the resource person.
- **RESOURCE PERSON :** Dr. Srijit Das, Assistant Research Scientist, University of Iowa, USA.
- **BRIEF REPORT ABOUT THE EVENT:**
The speaker started the lecture by sharing his memories during his student life in Dept. of Microbiology, Ashutosh College. He expressed his gratitude and thankfulness to all the teachers and staff.

The speaker explained the basic of biological structure of nematode *Caenorhabditis elegans*. This is a transparent nematode, usually found in soil. Being its transparent nature, this animal can easily be exploited in biotechnological and gene manipulation studies. When fluorescent labeled proteins are injected in this animal and viewed under a confocal microscope, the movement of proteins and their accumulation in various tissues can be studied. The speaker explained this phenomenon with beautiful colored pictures taken in his laboratory.

Heat shock response results in chaperone induction and Restoration of protein hemostasis was explained in detail. Moreover maternal stress affects in neuro development of progeny was elucidated.

The resource person has published in numerous papers in National and international journals. He had deliver lectures in various organisation and universities. He had shared all these experience is with students.

➤ **GEO-TAGGED PHOTOGRAPHS:**

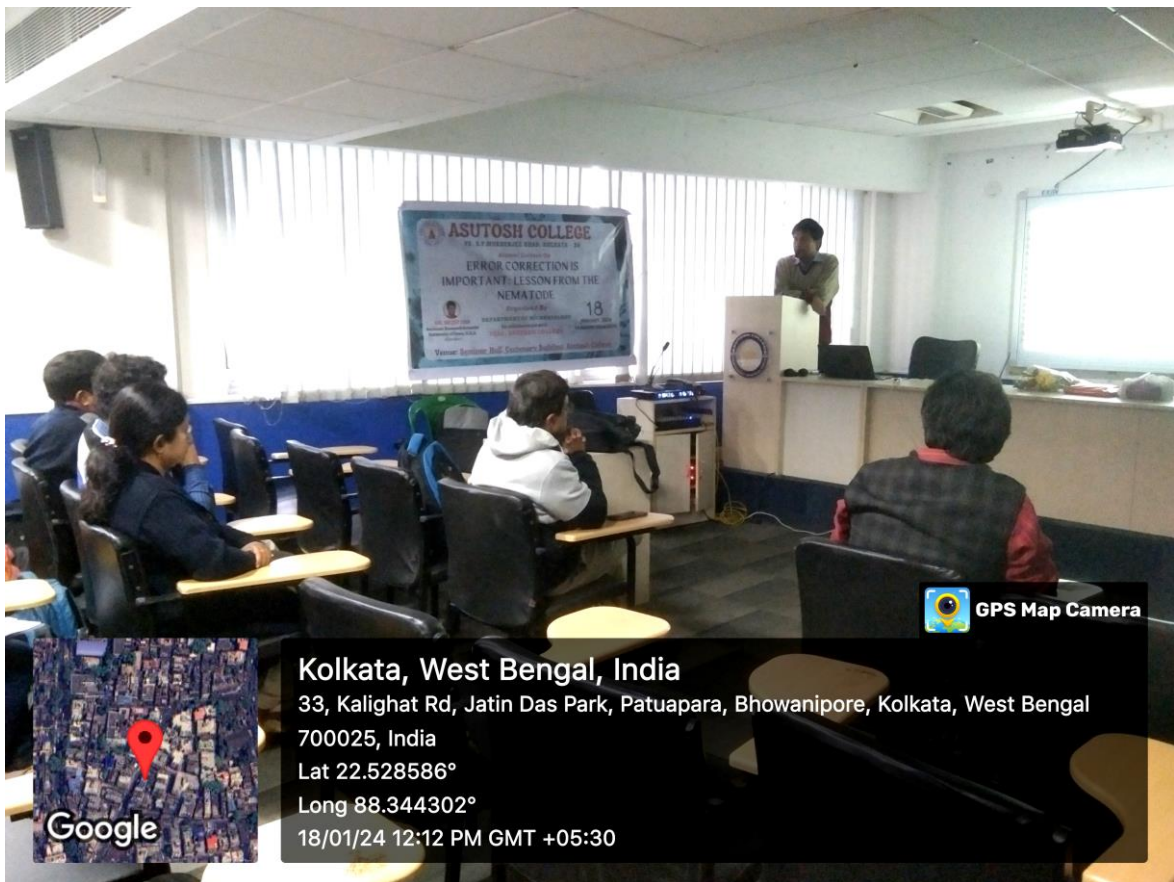




ASUTOSH COLLEGE
(Estd. 1916)
92, S.P. Mukherjee Road
Kolkata – 700026



Phone: 2455-4504/2486-3912
Fax : (033) 2486-3006
Mail : mail@asutoshcollege.in
Web : www.asutoshcollege.in



Kolkata, West Bengal, India
33, Kalighat Rd, Jatin Das Park, Patuapara, Bhowanipore, Kolkata, West Bengal
700025, India
Lat 22.528586°
Long 88.344302°
18/01/24 12:12 PM GMT +05:30

ASUTOSH COLLEGE
(Estd. 1916)
92, S.P. Mukherjee Road
Kolkata – 700026



Phone: 2455-4504/2486-3912
Fax : (033) 2486-3006
Mail : mail @asutoshcollege.in
Web : www.asutoshcollege.in



