

January 2024

Seminar Report

Title of Event: Alumni Talk Series, 2024
Theme: 3D Bioprinting with advanced materials: 3D Bioprinting with advanced materials: towards a sustainable development and circular economy
Name of the Dept: Environmental Science
Academic Session: 2023-2024
Date of Celebration: 22.01.2024
Venue: Seminar Hall, Centenary Building

Objective: The Seminar was a part of the Alumni lecture series organized by Department of Environmental Science in association with IQAC, Asutosh College. It was conducted to:

- To provide students with valuable career insights, guidance, and advice from alumni who have successfully forged careers in diverse environmental sectors.
- Bringing alumni back to share their experiences, the lecture series creates networking opportunities, fostering connections between current students and professionals in environmental science.
- To discuss current trends, emerging technologies, and evolving practices in environmental science, ensuring that students are well-informed about the latest developments in the field.
- To inspire and motivate students by showcasing the accomplishments and journeys of successful alumni, encouraging them to pursue impactful careers in environmental science with passion and determination.

Participants: Undergraduate and Post Graduate Students of Department of Environmental Science, Asutosh College.

Banner:



ASUTOSH COLLEGE

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

Alumni Talk
on

3D BIOPRINTING WITH ADVANCED MATERIALS:

TOWARDS A SUSTAINABLE DEVELOPMENT
AND CIRCULAR ECONOMY

Organised By
DEPARTMENT OF ENVIRONMENTAL SCIENCE
in association with
IQAC, ASUTOSH COLLEGE



Speaker:
DR. PROSENJIT SAHA
Associate Professor
Centre for Interdisciplinary Sciences,
JIS Institute of Advanced Studies and
Research Kolkata, JIS University





22

JANUARY, 2024
1:30 P.M. ONWARDS

Venue: Seminar Hall, Centenary Building, Asutosh College

Attendance Sheet:

Department of Environmental Science							Alumni Talk		Date: 22.01.2024	
List of the Participants										
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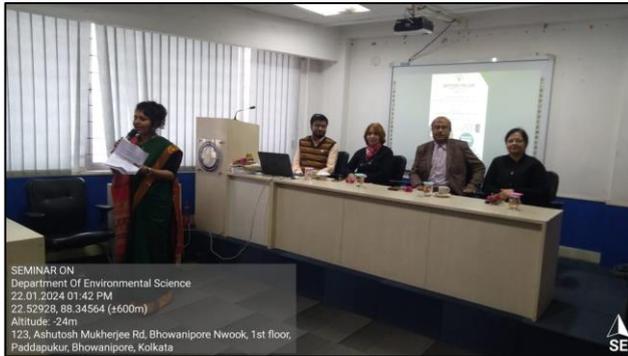
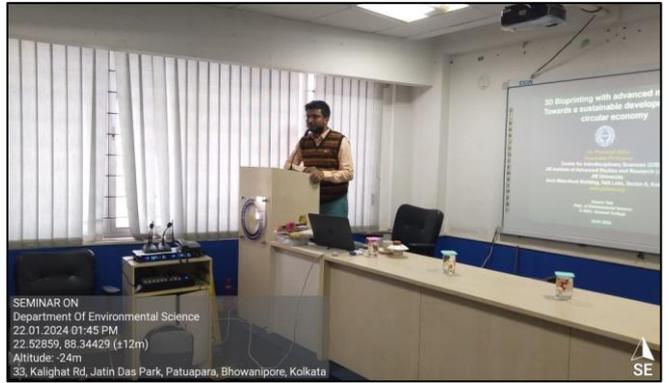
Program: The program was hosted by Dr. Sayanti Kar. Inauguration was done by Dr. Sraboni Roy, IQAC Coordinator, Dr. Rina Kar Dutta, Teacher's Council Secretary, Prof. Sajal Bhattacharya and Dr. Shramana Roy Barman, Head, Department of Environmental Science.

Lecture delivered by Dr. Prosenjit Saha, Associate Professor Centre for Interdisciplinary Sciences, JIS Institute of Advanced Studies and Research Kolkata, JISU University. Dr. Prosenjit Saha is an esteemed alumnus of the Department of Environmental Science, Asutosh College.

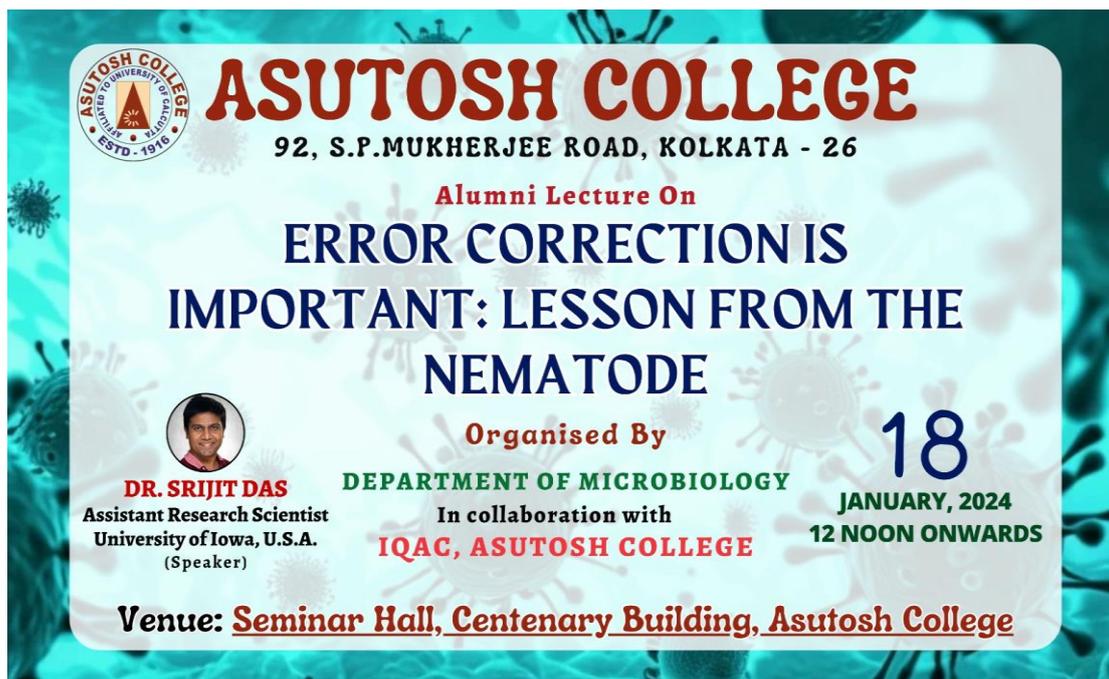
During the program's concluding phase, a group discussion on environmental issues was arranged, providing a platform for numerous students to express their perspectives and inquiries regarding various environmental challenges. vote of thanks was given by Dr. Subhayan Dutta.

Seminar Outcome: The alumni lecture in Environmental Science resulted in enhanced practical understanding, networking opportunities, and inspiration for students, fostering a stronger sense of community within the department.

Seminar Photographs:



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:**





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