

Webinar Report on: RECENT TRENDS IN BIOLOGICAL SCIENCE

(A one day international webinar by Department of Botany, Santipur college)

Reported by : Sanghati kundu , Co-convener webinar of Department of Botany, Santipur college

Presented by : Asst. Prof. Sapna Tamang ; HOD of Department of Botany, Santipur college

Dated- 8th July,2025

A one day international webinar has jointly been organised by Department of Botany and IQAC of Santipur College on 21st June of 2025 on “**RECENT TRENDS IN BIOLOGICAL SCIENCE**”, by using online platforms - Google meet and YouTube live streaming to explore how modern trends of biological science and techniques are reshaping our understanding of life at the basic to advance levels. This has been well supported by our benefactors honourable president Dr. Braja Kishore Goswami and our Teacher In Charge Dr. Subrata Roy. An quick overview of the webinar details is provided below –

❖ **Organised by** – Department of Botany, Santipur college

❖ **Invited Speakers** –

1. Dr. Chittran Roy ; Post Doctoral researcher of Pennsylvania State University ,USA.
2. Dr. Dipayan Ghosh ; Post Doctoral research associate of Centre for Rural Development and Technology ,IIT Delhi.

❖ **Organizing committee** –

- Organizing secretary – Asst. Prof . Sapna Tamang (Head of the Department)
- Convenor – Smt. Sulagna Roy
- Co- convenors- Smt. Sanghati kundu and Mr. Rajkumar Sharma

❖ **Patrons** –

Dr. Braja kishore Goswami (President, Governing body)

Dr. Subrata Roy – (Teacher In charge , Santipur college)

❖ **IQAC Co-ordinator** – Dr. Dipankar Bhattacharyya

❖ **Topic of webinar** –

1. A New Dimension of Phycobiliosome and phycocyanine in medical sciences: emerging therapeutic applications.

2. Cannabis beyond controversy: scientific advances In cannabinoid research and breeding with an Indian perspective

❖ **Using platform –**

1. Google meet
 2. You tube live streaming
- Date and time – 21st June 2025, 3.30 pm
 - Opening date for registration – 1st june
 - Closing date for registration – 15th June
 - Number of registered students – 87
 - Number of participants – 71
 - Number of feedback received – 71
 - Number of certificate issued – 71

We are honoured to have our eminent speaker with us **Dr. Chittran Roy**, Post Doctoral researcher of Pennsylvania State University ,USA .The renowned phycologist leads the international collaboration with biomedical research which has presented a constructive opinion on the Topic- **“A New Dimension of Phycobiliosome and phycocyanine in medical sciences: emerging therapeutic applications.”** by which our knowledge enriched with the extraction methods of phycobiliosome protein and therapeutic application in medical science as well as plant science. Another honourable speaker **Dr. Dipayan Ghosh** , Post Doctoral research associate of Centre for Rural Development and Technology ,IIT Delhi, delivered his critical thoughts on the topic – **“Cannabis beyond controversy: scientific advances In cannabinoid research and breeding with an Indian perspective”** .Which shed light on the essential medicinal and therapeutic value of an common Indian drug ‘Ganja’ ,is not only an intoxicant also has an unbelievable significance in medical science.

In an era where biology intersects with technology and medicine, staying updated is more crucial .It provides the knowledge and methods used to understand, diagnose, treat, and prevent diseases. It underpins medical advancements, from basic biological research to clinical applications, and is essential for developing new therapies, improving medicinal care, and promoting public health that brings together the students, researchers, and professionals. The question -answer session between the honourable speaker and the participants reflect their engagement and enthusiasm. This session provided a scope for exploring and utilising nature

and scientific treatment for future betterment. All the participants and students were conferred a certificate for their enthusiasm.

The support of the Hon'ble President and the presence of Teacher In Charge, the IQAC Coordinator, the HOD, Convenor and Co convenors of the webinar , the other members of faculty and the Resources persons made this event successful.

This kind of events do encourage the students to explore into new facets of scientific research and develop an urge to keep an open eye to every possible new regimes of scientific advancements. Feedbacks taken from the students assert the achievement of desired goal of this event i.e.- to enkindle scientific temperament with broader outlook. Every one is looking forward to more such webinar meets or physical meets.

Attachments –

- Application letter
- Banner and guide lines
- Invitation card for speakers
- Registration list
- Participants list
- Screenshot from the webinar
- Attendance certificate
- Feedback responses