

# REPORT

## National Science Day 2022-23

### **"From Sci-Fi to Reality: How AI is Shaping Our Daily Experience"**

On 2nd March 2023, **Department of Computer Science** and **Department of Computer Application**, St. Xavier's College, Burdwan, held an enlightening student seminar titled **"From Sci-Fi to Reality: How AI is Shaping Our Daily Experience"**, organized by the collaborative efforts of the **IT Club and Code Club** of to mark **National Science Day**. This event gathered 150 enthusiastic participants, including faculty members and students from diverse academic backgrounds, all eager to explore the practical applications of artificial intelligence (AI) in modern life. The seminar commenced with a comprehensive overview of AI's evolution, emphasizing its transformation from speculative fiction to tangible reality, particularly focusing on the challenges and advancements in natural language processing (NLP).

The highlight of this seminar was the live demonstrations showcasing cutting-edge AI technologies by the 3<sup>rd</sup> year students. Attendees engaged actively as they witnessed demonstrations using DALL.E for generating tailored images based on input criteria and ChatGPT for seamlessly creating various forms of written content from minimal prompts. These practical applications provided a tangible understanding of AI's capabilities and limitations in today's technological landscape.

The seminar was basically organized to celebrate National Science Day. All teaching staff and five students from each department were invited to participate in the seminar. The workshop was full of clear knowledge about Artificial Intelligence, the work of natural language processing and the shortcomings of artificial intelligence in today's technology-driven world, as well as live demo sessions on **"How to use DALL.E to generate images according to our needs"** by Bishal Mukherjee, 3<sup>rd</sup> year BCA student, and **"How to use ChatGPT to generate various writing works like e-mails, essays, articles, etc., with only a few outlines"** by Biswadeep Mukhopadhyay, 3<sup>rd</sup> year CTS student. The audience got used to the technology

and learned about the usefulness of artificial intelligence in various fields through practical applications. Since everyone is involved in the flow of the workshop, the workshop becomes the most interactive from teacher to student. More than 100 listeners attended this seminar.



### **Student Demonstration**

The seminar also served as a learning opportunity for the students, who noted valuable lessons in seminar planning, including strategic topic selection, optimal scheduling to maximize attendance, and the importance of fostering interactive sessions to maintain engagement throughout. Overall, the event successfully achieved its goal of educating and inspiring attendees about the transformative potential of AI in everyday life, setting a benchmark for future educational initiatives at St. Xavier's College.

Constructive feedback included suggestions for incorporating more hands-on activities in future seminars to further enhance learning experiences of the students.

National Science Day served as the primary motivation for organizing the seminar. The event was packed with in-depth information on artificial intelligence, how natural language processing functions, and the drawbacks of AI in today's technologically advanced world. The seminar remained as a much successful seminar in terms of interaction, number of attendees' present, time management etc.



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2:00 PM