

B.Sc. Programme Society

Introduction

We at the B.Sc. Programme Society, meticulously and optimistically strive to kindle and ignite interest towards science by organising a series of interesting and interactive events throughout the academic year. We aim at being a platform for all students irrespective of their courses to learn the things that are happening around us. We have always owned up to its ideals of pursuing an all inclusive and enriching journey of learning and experiencing science in unique ways. We are not just limited to science, but explore many different fields/areas, because we feel learning is fundamental.

Events

Orientation : On 11th September 2023, 3 PM in AV Room, we organised our orientation program for first year junior members in order to familiarise them with the society. Orientation was planned and executed by all the second year council members.

During the orientation, our aim was to discuss the vision and mission of the society and also the events we have organised in the past few years. We organised some quizzes and games also to make the orientation more interactive.

Pixel Science : The Pixel Science Competition aimed to encourage students to explore the intersection of science and art, specifically focusing on the concept of "Pixels." It was conducted from 11 September to 20 September 2023. Participants were asked to create digital artworks that incorporated scientific themes or concepts, demonstrating the beauty and relevance of science in our daily lives.

Entries were judged on the basis of the depth of scientific understanding in the form of an abstract and the ability to translate complex ideas into visually striking images. Through this competition we emphasised on fusion of art and science, challenging contestants to creatively represent intricate scientific theories and phenomenon through Pixel based artwork.

Sciencify : The society conducted its mid-sem fest after a gap of 2 years. It was a two day long fest :

1. ***Day 1 (22 November 2023)***: Society conducted **Ecquest - a treasure hunt**. The event was conducted in 2 rounds. First round was conducted online on 16 November on Unstop platform. Qualified participants were then called for Round 2 on 22 November, 4 PM in St. Stephen's College, We witnessed huge participants from across different colleges in Delhi.

2. ***Day 2 (23 November 2023)*** : Society conducted a **Paper Presentation competition** on two topics : Quantum Computing and Chemical Neuroscience Development at 3 PM and 4PM respectively. The competition was judged by Dr. Sunita Chand from Hansraj College and Dr. Padamshree Mudgal from Daulat Ram College.

Medical Emergencies Workshop : The society collaborated with AIIMS WHOCCET and Social Service League of St. Stephen's College to conduct a workshop on medical emergencies on 16 April 2024 at 3 PM in Room R. The workshop aimed at equipping youths of our country to tackle emergency situations like heart attacks, road accidents, fainting etc. A team of 4 members from AIIMS WHOCCET lead the workshop. Students had an opportunity to try CPR techniques on equipment, making them able to tackle situations in future.

Fusion '24 : The society conducted its annual fest Fusion'24 from 22 April - 24 April 2024. Under Fusion, society conducted the following events:

1. **Day 1 (22 April 2024)** : Society started its fest with an **Inaugural Lecture by Dr. Sachin Kumar, Dept of Mathematics, University of Delhi** on the topic : Exploration of Differential Equations - Exact Solutions, Solitons and Dynamics of Non Linear Waves in Mathematical Sciences and Non Linear Physics. The lecture was conducted in Seminar Room at 2 PM and it was beneficial for all those who attended. This was followed by Quantum Clues - a crossword competition. The event was conducted in 2 rounds, with first round online conducted on Unstop. Round 2 was conducted on 22 April, 4 PM in NPLT. Qualified participants were invited for Round 2.

2. **Day 2 (23 April 2024)** : 2nd day started with a **talk session by Dr. Bijoy Kumar Kuanr, Professor in JNU** on the topic : Fabrication and Testing of Monolithic Microwave Integrated Circuit (MMICs) using Nanostructures and Beyond. The lecture was conducted in AS3 room at 2 PM. This was followed by **Science Tambola competition**, which was also conducted in 2 rounds. Qualified participants from Round 1 were invited to play Scientific Tambola game. The competition was conducted at 4 PM in AS1 room.

3. **Day 3 (24 April 2024)** : 3rd day started with a **screening of a movie** named Contagion in Seminar Room at 2 PM. It is a gripping thriller that follows the rapid spread of deadly virus, intervening multiple story lines of scientists, officials, and ordinary people as they struggle to contain the outbreak and find the cure. With a stellar cast and a tense narrative, it explores the real world consequences of a global pandemic. This was followed by a **drone show by Aryan Gahlawat**, student of BSc. Programme with Chemistry 3rd Year. He demonstrated the working of the drones and explained the principles on which it is constructed.

Along with this, we also conducted 2 online competition as part of Fusion'24.

1. **Toon Fest** : an online cartoon making Competition provided a digital platform for aspiring artists and enthusiasts to showcase their creativity and storytelling skills through the medium of cartoon. The competition was conducted from March 29, 2024 to April 20, 2024. The theme for the competition was Greenhouse - Cultivating a Sustainable Future and accepted entries for 2 categories: Hand drawn and digital art

2. **Cosmic Katha** : collaboration event with Sabha - The Multilingual Theatre Society of St. Stephen's College, provided a platform for aspiring writers and storytellers to showcase their talent and creativity in crafting compelling scripts to various mediums. Participants were tasked with writing original scripts adhering to guidelines and theme and

genre including *Science Fiction*. The competition was conducted online from 2 April 2024 to 30 April 2024.

Conclusion:

As we reflect on The B.Sc. Programme Society's achievement and progress throughout 2023-24, we are filled with gratitude for the unwavering support of our stakeholders, the dedication of our team, and the resilience of the communities we serve. Despite the challenges faced by our team, we have emerged stronger and more committed to our mission than ever before. Looking ahead, we are excited about the opportunities that 2024-25 holds and are eager to continue making a positive impact through our programs and initiatives. With the support of our partners, volunteers, and supporters, we are confident that we can achieve even greater heights and reach more individuals in need.

We extend our heartfelt thanks to everyone who has contributed to The B.Sc. Programme Society's success, whether through their time, resources, or advocacy. Together, we are making a difference and building a brighter future for all.

Thank you for your continued support and belief in our mission.