

THE CHEMISTRY SOCIETY

Annual Report 2022-23

The Chemistry Society began its activities by conducting an online Scholars' Meet on the 3rd and 4th of September 2022. The speakers invited were alumni of the Chemistry Department who have shown their excellence in their respective fields. On the first day the topic was "Foreign Admissions: Procedures & Opportunities" for which we had Indrasish Dey (Batch of 2022), Siddhant Dhingra (Batch of 2021) & Ridhima Raina (Batch of 2022). For the second day the topic was "Indian Admissions: Admissions & Opportunities, Job Prospects after Graduation". We had Mukund Sharma from the batch of 2022, Karan Deep Singh from the batch of 2021 who spoke about pursuing higher studies in India while Shiv Akhil Vasandani from the batch of 2022 spoke about the job opportunities in the Indian market.

This was followed by an Inaugural Lecture on 13th September 2022 by Dr. Chinmay Kumar Hazra, Assistant Professor at the Department of Chemistry IIT Delhi who delivered a lecture on the topic "Metal-free activation of small molecules for the conversion of feedstock chemicals to value-added products". The society had also organised a Paper Reading Competition on 14th November 2022 on the topic "Looking through glass over the years" to celebrate the International Year of Glass. Active participation was seen from first- and second-year students and three winners were announced. All the winners received books as prizes. Following this an Orientation Programme was held on 15th November 2022 was organised to induct the freshman students into the Society and the prospective events were discussed with them. The Society also participated in the Alumni Meet held on 11th December, 2022 in college.

On 14th January 2023 a Career Counselling session was organised in association with ChemAcademy on the topic "Future opportunities after an undergraduate degree in chemistry". The informative session was attended by students from all the years and was a grand success.

The Annual Fest of the Chemistry Society, 'Alchemesis', was held over a span of 3 eventful days. It began with the Opening Lecture delivered by Professor Sunil Kumar Khare, FRSC FNAAS FBRS FAMSc, Dean (Research and Development), Institute Chair Professor of Biochemistry Enzyme and Microbial Biochemistry Lab, Department of Biochemistry, IIT Delhi on 13th February 2023 on the topic, 'A perspective on the Chemical Biology Interface in living systems.' This was followed by 'Chemathon-Quiz', Crystal Growing Competition, Dr C J Raphael Memorial Debate, On Spot Photography Competition, Treasure Hunt held between 14th- 15th February 2023. A closing ceremony was held on the evening of 15th February where the winners of various competitions were announced.

The Society hosted a lecture by Professor Charl FJ Faul, Head of Inorganic & Material Chemistry, University of Bristol, England, United Kingdom on "Novel Functional Materials for Sustainable Energy Applications" on the 23rd February 2023.

The Society also commemorated the exemplary work and contributions to science by our college alumna, Late Prof. Charusita Chakravarty, by conducting The Charusita Memorial Lecture on 22nd March 2023. The distinguished speaker for the year was Prof. Shobhana Narasimhan, Professor at Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore, Fellow of the American Physical Society, Fellow of the Indian Academy of Sciences who delivered the lecture on the topic 'Catalysts-Agents of Change'. In the month of April, the Society had conducted a cosmetics workshop where the students had prepared talcum powder, hand sanitizer and shampoo in the New Chemistry Laboratory. It was held on the 19th April and officially marked as the last offline event conducted by the society for the Academic Year 2022-23.

The Society launched its Annual Journal 'Oxygen 2023' during the final year students Farewell function held on the 24th of April, 2023.

A Summary of Events organised during 2022-23

Date	Event organised	Level of the Event
3rd- 4th September, 2022	Scholars' Meet- An Interactive Session with some of the recent Alumni of the Department in an attempt to guide the current junior members about the future prospects in the field of chemistry and beyond	College Level
13th September, 2022	Inaugural Lecture by Dr Chinmoy Kumar Hazra, Assistant Professor, IIT Delhi	College Level
14th November, 2022	Paper Reading Competition on the topic 'Looking through glass over the years'	College Level
15th November, 2022	Chemistry Society Orientation	College Level
11th December, 2022	Alumni Meet	College Level

14th January, 2023	Career Counselling Session in association with ChemAcademy on the topic ‘Future opportunities after an undergraduate degree in chemistry’	College Level
13th February, 2023	Alchemesis Day 1- Opening Lecture on ‘A perspective on the chemistry biology interface in living systems’ by Prof Sunil Kumar Khare, Department of Chemistry, IIT Delhi	Inter-College
14th February, 2023	Alchemesis Day 2 Crystal Growing Competition	College Level
14th February, 2023	Alchemesis Day 2 Treasure Hunt	Inter-College
13th,14th,15th February 2023	Dr CJ Raphael Memorial Debate	Inter-college
15th February, 2023	Alchemesis Day 3 Chemathon- science quiz	Inter-college
15th February, 2023	Alchemesis Day 3- On Spot Photography Competition	Inter-college

15th February, 2023	Closing Ceremony of Alchemesis'23	Inter-College
23rd February 2023	Lecture by Professor Charl FJ Faul on 'Novel Functional Materials for sustainable energy applications'	College Level
22nd March, 2023	Charusita Memorial Lecture '23 by Prof. Shobhana Narasimhan on 'Catalysts-Agents of Change'	Inter-College
19th April, 2023	Cosmetics Workshop-Preparation of Shampoo, Talcum Powder and Hand Sanitizer	College Level
24th April, 2023	Launch of Society's Annual Journal 'Oxygen 2023'	College Level