

'Kalpvriksha' The Botanical Society

Report 2019-20 of Odd Semester

Kalpvriksha – The Botanical Society of Deen Dayal Upadhyaya College under the guidance of Dr. Sujata Sinha (Convenor) along with the other faculty of the department organised many events throughout the year. The society focuses on encouraging students to build leadership qualities, team spirit and healthy competition. In the process they inculcate bon homie and also learn to take eco-friendly steps in life. In the month of August, the **Student council** for the session 2019-20 was formed, with the following posts: Janvi, B.Sc. (H) Botany Sem V (President), Varsha, B.Sc. Life Science Sem V and Vishal Arora, B.Sc. (H) Botany Sem III (Vice President), Ayushi Sharma, B.Sc. Life Science Sem V and Deveshree, B.Sc. (H) Botany Sem III (General Secretary), Deepak Arora, B.Sc. Life Science Sem III and Harsha, B.Sc. (H) Botany Sem III (Joint Secretary), along with two class representatives from each class.



Soon after, the society was **inaugurated** by Professor Veena Agarwal, Department of Botany, University of Delhi. She gave a thought provoking talk on “New Dimensions in Medicinal Plant Biotechnology: Biotherapeutics and Nanoparticles”. The lecture was attended by students of all 3 years of B.Sc.(H) Botany and B.Sc. Life Sciences. The student office bearers were inducted in the ceremony. On 21st August 2019 and 26th September 2019, the students of all 3 years were provided an opportunity to interact with each other in **freshers’ party** “Flawsome”. Various games and performances helped freshers open up and showcase their talent.

The student council in the **meeting** with the convenor, agreed to meet every Monday of the semester to plan out the inter-class and inter-college events of the society. It was decided to have at least one interclass competition every month and inter-college Botanical Fest on 4th October 2019. The first interclass event was held on 28th August 2019. It was the **poster-making competition** on the topic “Do’s and Don’ts in the laboratories”. The students participated enthusiastically and the winners were announced at the end of the event. Their posters were put up on display in the corridors. Some were laminated and put-up in the Botany Laboratories.

Teachers’ day was celebrated on 5th September 2019. The students expressed their gratitude towards their teachers. In the last week of September, Inter class **photography competition** ‘Blossom’ was held. Students went all out to capture nature through their lenses. The soft copies of their photographs were judged and the winners were announced.



Alumni Interaction Session was held on 3rd October 2019. Four alumni from various professional realms were invited to talk to the present undergraduate students. Mr. Vivek Tripathi (railway; civil services), Mrs Rakhi Solanki (psychotherapist), Mrs Upasana (school teacher) and Mr. John Momo (Ph.D. student) interacted and motivated the students to follow their passion and intuition in their career.



Inter-college **Annual Botanical Fest-‘Delonix’** was held on 4th October 2019. It was flagged off by a **Plantation Drive** in collaboration with ‘Harela Foundation’. The faculty and students planted several saplings in the college campus and in the Botanical Vertical Garden. The students also pledged to take care of the saplings and to contribute positively to the environment. Inter-college **Debate** on environmental conservation was the highlight of **Delonix**. Participants from different colleges/institutions debated on the topic “**Botanical Quiz, Botanical Rangoli making, Plant specimen sketching competition**” also found enthusiastic participation from different colleges.





In the month of October itself, a 4 day outstation **Educational Excursion** was organised to Manali. The students studied the flora of the area and made e-herbarium. They also studied various ecological factors, under canopy temperature, relative humidity, wind velocity, light intensity, soil temperature, soil moisture and pH, water temperature, water pH and water turbidity at different locations at different time intervals and learnt to tabulate and analyse the readings. They also got an insight of ecological succession on how bare rocks get inhabited by lichens, mosses, ferns and then higher plant groups. Besides study, they enjoyed the trek to 'Manu' temple and Hadimba Devi temple; snow in Rohtang pass and water sports on the River Beas in Manali.

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CONVENOR
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