



'Kalpvriksha' The Botanical Society

Report 2018-19

The Department of Botany endeavors to promote and inspire students to pursue higher studies in plant sciences, orienting them towards learning and investigation. The department has well equipped laboratories to carry out practical classes and research work, a museum and a botanical garden. A unique feature of the department is its faculty members which includes experts and active researchers from almost all areas of plant science. They publish quality research work in reputed national and international journals. The faculty members initiate innovative projects with active involvement of students to instigate scientific temperament in them. Students are encouraged to enthusiastically participate in all the activities of the department throughout the year, thereby constantly evolving them as vibrant personalities. The department has an active Botanical society named “Kalpvriksha”, which organizes events like subject lectures by eminent scientists and scholars, extracurricular activities including awareness programs for preservation of environment, conferences/seminars/workshops, plant identification and various competitions pertaining to the field of Botany. The Kalpvriksha holds its annual festival DELONIX every year in which it organizes various inter- and intra-college competitions. The Department has instituted Pt. DeenDayalUpadhyaya Memorial Inter-college Debate Rolling Shield from the academic session 2015-2016. The Botanical Society ‘Kalpvriksha’ publishes an annual journal Contemporary Plant Sciences (ISSN: 2393-8676). The sustained efforts of teachers bring students closer to Mother Nature through botanical excursions. Founded with a

vision to empower our students in various upcoming thrust areas of basic and applied sciences viz. microbiology, plant biotechnology, molecular biology, bioinformatics etc., the department provides them the stepping stone to reach higher heights in their career.

Inaugral Lecture 2018-19 : On 28th of August, we had our Inaugural Session of Kalpavriksha, the Botanical Society of Deen Dayal Upadhyaya College. It included a Lecture and Orientation Program for the newly inducted students in the departments of Botany and Life Sciences.



For this, the Guest Lecturer was **Dr. Rajendra Gupta, Professor, Department of Botany, University of Delhi.** The topic of the Lecture was “The Conflict between Science and Religion”. Students get there queries cleared and had an positive of science and religion . And many positive feedback by many students of other courses as well, this was an fantastic step taken by society to influence on everyone . students are praised by society and to encourage there talent of management many students were praised by chief guest by giving them badges.Event list had many activities which includes dance and photography and , and specially dance performance “panch tatva” was cheered by the students .not even a single seat in auditorium was vacant . Chief guest enlightened the audience with there experience and knowledge . Our respected principal Dr S.K garg also enlightened us. In last refreshments distribution was there. And all student enjoyed a lot ! It was the very first time we had the common freshers of life sciences and botany dept. together ever, As the name suggest itself **PEHEL**

Rangkari -The pot painting competition held on 07 September 2018 in the college premises. Under the supervision of Dr. Charu Karla and society president. Rangkari received a good response by the participants. We got thirty entries out of many students opted madhubani art to decorate their pots.



Plantation Drive was also on 7 september 2018 in the college premise. As we all know that the pollution level in DELHI is increasing day by day and greenery is declining in the city. This triggers the alarm of awareness that we need to take care of this environment. We won't have a society if we don't care for this environment. As it's said awareness starts from the home itself, so the KALPAVRIKSHA SOCIETY OF DDUC had this plantation drive to create awareness among the students. 70 students along with the teachers take part in this activity.



चर अचर जगत The Environment Science Quiz competition was held on 18 September 2018 in the college premises, received a good response by the participants. We got thirty entries which were put into pairs, 16 teams. It was a competition of 25 questions which tested the brains of the

students. Quizzing comes from the word Inquizzitive which means to ask, inquire. Although the theme was Environment Science, questions were based on common things that we observe in our day to day life and required the presence of mind. It was a successful event as the uniqueness and the innovation used in making the quiz was liked and applauded by the participants.

Poster making competition : Nature is composed of the most beautiful things, which is now slowly harmed by the harmful UV rays. So based upon this the society held a poster making competition on the 18 September 2018, in the college premises. On the auspicious day of OZONE DAY, the society organised the competition on the theme spectrum of nature. That competition was really good and interesting. We got 13 entries from the students of different courses. That was an amazing experience as we received great ideas from the students through their posters which was based on the theme. Students used different colours different techniques for their posters. All in all that was an amazing competition, with a good participation.



The Botanical society annual fest 'DELONIX' was on 20th February 2019 and 21st February 2019. Our fest displayed the flavours and tint of environment and nature. We held many engrossing events like inter-college competitions. Participants as well as audience were very



Enthralled for the annual fest. 20th February 2019, the 1st day of delonix was full of many enthusiastic events and competitions. Many people from other colleges also participated and unveiled their extraordinary flair. The first event of the day was FLORA UTSAV- the botanical rangoli making competition. Participants used organic materials to make rangoli. They made rangoli related to botany such as T.S. Of spore tetrad, gametophyte of *funaria*, T.S. Of wheat grain etc. Corridor was decorated with these eye catching and mesmerising rangoli.

The second event of the day was AD-MAD COMPETITION. The event was headed by Priya and Sargam. This was held from 9:30 AM to Every team was allotted a prop and product and were given 3 minutes to prepare an ad. Every team highlighted botanical essence in their acts and audience took immense interest in every act. It was a successful event.

The third event of the day was प्रकृते जिज्ञासा -the botanical quiz. It was started at 12:00 PM. Event heads of this event were Ayushi and Hardik. This quiz tested the botanical knowledge of the participants. This quiz filled audience with curiosity and enthusiasm at each and every question. The symbolism of Its success was the zeal audience and participants exhibited.



The fourth event of the day was TRACE ART. This event was started at 2:00 PM. It was a specimen sketching competition. People who like to do magic on the papers with their pencils participated in this competition. Many specimens such as pine cone were kept and participants displayed their flair on drawing sheets.

The fifth and last event of the day was सृजनिका -the extempore competition. It started from 1:30 PM. A topic was given on the spot and participants were given 2 minutes to prepare on the topic. Participants came up with many unique views and event was successful.

21st February 2019, the 2nd day of delonix was also filled with enthusiasm. The first event of the day was तर्क -वितर्क-inter college debate competition. Topic of the debate was “Is it justified to banning various products for the sake of green future. It was started on 10:00 AM. Many participants came up with their views for and against the motion. They all came up with concrete and strong points and left everyone present in the room ponder.

The valedictory lecture was delivered by professor S.B. Babbar who is a professor of department of botany in north campus. The topic of his lecture was “The origin, evolution and diversity of plastids”. The lecture started at 12:00 PM. His lecture focussed on the evolution of various cell organelles and specially plastids by endosymbiotic theory which was given by Lynn Margulis. The students present there showed great interest in the topic as it was relevant to the subject they were studying. Many students also asked questions from him. After the lecture all the office bearers of kalapavriksha were felicitated by professor S.B. Babbar.



The last event of the day and the fest was the ALUMINI MEET. It was started at 1:30 PM. All the pass-outs came to refresh their memories of college days and to reconnect with their fellow mates and teachers. They came and met all the freshers and shared their experiences about academics, non- academics and talked upon the various career options.

Dr. Charu Kalra
Teacher in Charge