

Shyam Lal College (University of Delhi)

Department of Chemistry

Chemistry Department Annual Fest

“RASAYANIKA” ON 31th March 2015

&

Chemical Society Seminar on 1st April 2015

A Brief Report

Department of Chemistry organized its annual fest Rasayanika-2015 on 31st March 2015 and Chemical Society Seminar on 1st April 2015 under the convenership of Dr. Reeta Sharma. Fest Rasayanika provided a platform to our student to show their talent. In this fest we have organized many events, like Chemical Exhibition, Poster Presentation, Chemistry Quiz, Singing Competition, Smell and Tell, Rangoli and Debate Competition for students.



The fest was inaugurated by the Chief Guest Shri V. N. Sehgal, Former Director CBI-CFSL, Government of India, Delhi followed by his popular talk on “Crime in Society”. In his valuable talk he discussed various type of crime present in the society. He described that crime is a social and economic phenomenon and it is as old as our society. Crime is a legal word that can be followed by criminal

proceedings which may result into punishment. Beside rape, murder or theft, man handling and many more which are similar in nature comes under this category of crime. Recently we are facing a new type of crime which is called cyber crime and it posed a challenge / threat for the computer world or cyber world. He has defined a cyber crime as “Unlawful acts”, wherein the computer and Mobiles are either a tool used or target or both. The computer and mobiles may be used as a tool in the activities like financial crime, sale of illegal articles, pornography, online gambling, intellectual property crime, email spoofing, forgery, cyber defamation, cyber stalking etc. The hacking involves attacking the computer informations and other resources. When students asked the reason behind the cybercrime he said “Capacity to store data in comparatively small place, easy to assess, negligence and loss of evidence are the reasons for vulnerability of computers”. At last but not least, he said “Prevention is always better than cure”. It is always better to take certain precautions while working on the net. He advised to use 5P-Mantra for online security- Precaution, Prevention, Protection Preservation and Perseverance. He also advised students to avoid sending any photograph online, disclosing any information pertaining to oneself, never send credit card number to any site, use of latest end update antivirus software etc. by this fruitful information talk our students learn a lot about crime and specially cybercrime present in cyber world.



Shri V.N. Sehgal enjoyed all the events which were organized in the fest and appreciated the efforts of students. The results of various events were as –

1. Chemical Exhibition: was done under the guidance of Dr. Vinod Kumar. The winners were –
1st Position – Sonam Sikarwar and Priyanka
2nd Position – Pavas Mahajan and Shivam
3rd Position – Shruti Pandey and Paridhi Arora
2. Poster Presentation on “Chemical Waste Management” was guided by Dr. Ashu Gupta. JasleenKaur, Harsh and Devesh were secure 1st, 2nd and 3rd position respectively.
3. Chemistry Quiz was organized by Dr. Ompal Singh Yadav and Dr. Bharti Bhardwaj. The winners of Quiz were –
1st –Pankaj, Sudhanshu and Abhishek
2nd -Shruti Gupta, Monika Pandey and Himashi Sharma
3rd - Om Gupta, Paridhi Arora and Prachi Tiwari
4. Singing Competition was judged by Dr. Ashu Gupta, Dr. Reshu Chaudhary and Dr. Niyati Singh. The winners, Dev Vrat Kapil, Hemshikha and Reena secure 1st, 2nd, 3rd position respectively.
5. Smell and Tell event was done under the guidance of Dr. Sanjay Kumar. Surbhi secure 1st position while Vikas Pandey and Ketwan Malva secure 2nd and 3rd position respectively.
6. Rangoli Competition was judged by Dr. Reshu Chaudhary and Dr. Niyati Singh. 1st, 2nd and 3rd prize of Rangoli was won by Diksha, Jasleen and Harsh Verma respectively.
7. Debate Competition on “Merits and Demerits of Chemicals” was judged by Dr. Bharti Bhardwaj and by Mr. Sunil Kumar. Winners of this are Zia-Ul-Haq (1st), Bhumika Chawla (2nd) and Sweta Pathak (3rd).



Chemical Society seminar was organized on 1.04.2015 in which Prof. Gurmeet Singh, Head, Department of Chemistry delivered a lecture on “Corrosion”. Corrosion is the destructive attack of a material by reaction with its environment. The serious consequences of the corrosion process have become a problem of worldwide significance. In addition to our everyday encounters with this form of degradation, corrosion causes plant shut downs, waste of valuable resources, less or contamination of product, reduction in efficiency costly maintenance and expensive overdesign. It can also jeopardize safety and inhibit technological progress. Rusting of Iron and steel is very common example of corrosion. He said Corrosion can be prevented by coating, Plating, Environmental modifications, metal selection and surface conditions, cathodic protection and by corrosion inhibitors. Students learned about the real life application of Chemistry.



In the valedictory session of seminar Prof. Gurmeet Singh distributed prizes to winners of events of fest. With the vote of thanks, the two days function (Fest & Seminar) was ended with great success. Fest Rasayanika and Seminar both were useful for the students. The students got the opportunity to explore their extracurricular performance and learned a lot from the informative lectures and other activities.



(Dr. Reeta Sharma)
Teacher-in-Charge(2014-15)
Chemistry Department