

Seminar Report “Role of Chemistry in Food & Technology”

The Department of Chemistry, Shyam Lal College (University of Delhi) organized one day seminar titled “The Role of Chemistry in Food and Technology” under the convenorship of Dr. Arkaja Goswami, Teacher Incharge on 28th September 2015. The programme started with the note of saraswati vandana to praise the Goddess of Knowledge Saraswati, followed by introductory speech of Principal Dr. Rabi Narayan Kar. Dr. Arkaja Goswami introduced the chief guest of the day, Dr. Ajit Kumar, Vice Chancellor, “National Institute of Food Technology Entrepreneurship and Management” (NIFTEM). The honourable chief guest of the day Dr Ajit Kumar is also awarded with the very prestigious award “Agriculture Leadership award” by Home Minister Mr. Rajnath Singh this year. He addressed the students regarding the role of chemistry in meeting the challenges of increasing demand of food production and food processing and he also discussed about the carrier prospects in that field and how technology can play a role in advancement of genetically modified crops (GMCs). He also interacted with the students between his speech and shared his deep knowledge on the said topic as well. The VC lecture was followed by various student’s activities via Skit, Poster presentation, Chemical exhibition, Rangoli, Debate and Slogan and Logo competition.



To apprise the students about the various opportunities, jobs and future prospects in various scientific fields, a help desk was also created. Our chief guest Dr. Ajit Kumar appreciated the Rangoli a lot especially he amazed by the NIFTEM rangoli made by B.Sc. final year students Aparna, Sakshi, Mayur and Reena. He appreciated all the students for their creativity in rangoli and awarded them with prizes. First prize was earned by the students for NIFTEM rangoli, second prize was earned by Deepanshi and Harsha for their rangoli on the women in society and third place was secured by Zeba and Pooja for DNA and food and technology rangoli.



The Chief Guest along with principal and other faculty members inspected the poster prepared by students on the theme of the seminar “The Role of Chemistry in Food and Technology”. Students from all the three years courses enthusiastically participated in the poster presentation. In all sixteen posters were selected to display on the above said topic in the seminar. Three students were awarded among all participants for showing their creativity with the help of posters. First and Second prize was given to Rahul Malik and Riya both are B.Sc. first year students and third position was secured by a B.Sc. Third year student Divya Kumar.

Role of chemistry in food and technology was also emphasized by three fabulous skits which was performed by students of B.Sc. physical science (first year and third year) under the

mentorship of Dr. Anju Singh, they emphasized on the role of chemistry in food and technology. Participants had also shown the importance of women in every field including science and appeal to give equal credit to women in science world with the help of their skit on “Discovery of DNA”. Hemshikha Chaudhary (B.Sc.-IIIrd year) had played the lead role in Skit by portraying scientist Rosalind Franklin, she did a tremendous performance. First Prize was secured by the DNA skit. Students also presented a skit on “Patenting the Indian goods by developed country” in view of informing everybody about the patent law. Patent Skit was awarded with second prize in skit category. Everybody including our chief guest VC sir Dr. Ajit Kumar, principal sir Dr. Rabi Narayan Kar and our head of department Dr. Arkaja Goswami enjoyed and appreciated all students by rewarding them with trophies. The VC sir encouraged and motivated students by his intellectual and inspiring words emphasizing on the role of chemistry in food and technology.



Chemical exhibition on the “The Role of Chemistry in Food and Technology” was one of the most important attraction of the day which was held in chemistry laboratory of the department under the supervision of Dr. Niyati Singh. Thirteen groups have participated in this event. In their presentations students emphasized on the importance of various technical approach on food adulteration, with their drawbacks and remedies to minimize them. Some group of students had displayed the use of waste food products such as milk, corn, orange pilling to various utility for making toys, light and water purification etc. Extraction of DNA from various vegetables and fruits by using simple technique and their future use in genetic

engineering, molecular modelling etc. were also the main attraction of the exhibition. Special attention had been taken by two groups, they presented the addiction of nicotine, the malignant addiction and magnesium carbonate in pan masala and their impact on human health. First position was secured by Anuja Sharma and Akanksha Sharma, Second prize was awarded to Sanket Kumar and Ankita Sharma and third prize was given to Vaibhav Rathi and Rishab Maheshwari all winners were from B.Sc. final year.

Debate competition was the most sought activity by students. Students from chemistry department enthusiastically participated in the debate competition. Participants spoke about the pros and cons of advancement in chemical sciences in meeting the challenges of increasing demand of food production and food processing for growing population and how technology can play a role in advancement of genetically modified crops (GMCs). Three students were awarded among all participants for showing their view and vision and clarity on the topic of the debate “The Role of Chemistry in Food and Technology”. Ms –Nivedita from BSc Physical sciences first year won the first prize and Ms Shivani from BSc (H) chemistry third year won the second prize and Mr. Ramneek from BSc Physical sciences first year earned the third prize. The principal of the college handed over the prizes to the winning participants and encouraged the students to participate in debate competition in intercollegiate and interuniversity level as well. Students also participated in online slogan and logo competition. Gokulesh Nath, student of B.Sc. final year won the prize for best slogan category.

The function was concluded with the prize distribution and Vote of thanks by Dr. Arkaja Goswami, with the words and vision of organizing a national conference by chemistry department in coming days. She also motivated students as well as teachers by her inspiring words.