

Chemistry 2017-2018

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1. **Workshop-Wonders of Science:** The Department of Chemistry jointly organized a two day Workshop on “**Wonders of Science**” with Departments of Biomedical Science, Food Technology and Instrumentation for school students of classes 6-8th (of East Delhi Region), on 18th May 2017. Students were taught basic concepts of redox reactions, different separation techniques viz. sedimentation, filtration, centrifugal separation and distillation and, Eco friendly pH indicator kit.

Name of the Resource Persons: Dr. Jasjeet Kaur, Associate Professor, Department of Chemistry, Shaheed Rajguru College of Applied Sciences for Women, University of Delhi and Dr. Shuchi Dhingra, Assistant Professor, Department of Chemistry, Shaheed Rajguru College of Applied Sciences for Women, University of Delhi.

Number of Participants: 50



2. **Talk- Chemistry of Processed Food:** A talk was organized on “**Chemistry of Processed Food**”, on September 27, 2017. The talk focused on the significance of healthy diet and the necessity to avoid processed foods.

Name of the Resource Person: Professor J.M. Khurana, Department of Chemistry, University of Delhi.

Number of Participants: 72



3. **Technical Fest: TRAP-**Department jointly organized technical fest “**TRAP**” with Departments of Mathematics, Physics, and Statistics on 27th October, 2017. The fest began with an interactive talk on *Self-effectiveness*, which focused on making students realize that they may not be effective in their actions due to lack of complete concentration. The speaker demonstrated few meditation practices which help in remaining focused, calm and leading to a more attentive state of mind. This was followed by various events organized by participating departments.

Name of the Resource Person: Professor S.K. Palhan, the founder-director of The Great Lakes Institute of Management, Gurgaon.

Number of Participants: 72





4. **Talk- Safe Practices and Handling Laboratory Glassware:** A talk was organized on “**Safe Practices and Handling Laboratory Glassware**”, on 8th January, 2018. Videos on manufacturing of glass and different types of apparatus were shared. Students were further made aware of the accidents that could occur while working in laboratory and what precautions should be taken to prevent them.
Name of the Resource Person: Representative from Borosil Glass Works Ltd.
Number of Participants: 72



5. **Workshop- Preparation of Oil Soaps:** The Department organized a oneday Workshop on “**Preparation of Oil Soaps**” on 15th February,2018. The workshop gave students an insight on various types of soaps, their classification and various ingredients required in the preparation of oil and glycerine based soaps. Further, preparation of *Oil Soaps* by *Cold Process* method was demonstrated.
Name of the Resource Persons: Dr. Heena Lamba and Ms. Pooja Kukreja, Founders of Estilo Handmade Products.
Number of Participants: 72



6. **Talk- Chemistry - a Central Science Playing God:** A talk was organized on **Chemistry - a Central Science Playing God**, on 27th February, 2018. The talk focused on role of chemistry in combating various diseases and contributions in daily life. Further, significance of Computational Chemistry was highlighted.
Name of the Resource Person: Dr. S.V. Eswaran, Visiting Scientist, Regional Centre for Biotechnology (DBT-UNESCO) and formerly from St. Stephen's College.
Number of Participants: 72



7. **Industrial visit- Yakult Danone India Pvt. Ltd.:** An Industrial visit to “**Yakult Danone India Pvt. Ltd.**” was organized on 16th March, 2018. The team was enlightened about *Minoru Shirota*, the Japanese Microbiologist and the inventor of Yakult, the yogurt like probiotic drink containing *Lactobacillus casei strain Shirota*. The students and the faculty members visited the setup of processing, packaging and bottles manufacturing units.
Name of Resource Person: Representative from Yakult Danone India Pvt. Ltd.
Number of Participants: 60 (Approx.)

