

MICROCHEMISTRY WORKSHOP

Microchemistry is the branch of chemistry concerned with the reactions and substances in minute quantities. It focuses on chemical techniques for preparing, handling and analyzing small quantities of chemical compounds, especially masses less than a milligram. This technique can potentially save on chemical cost, waste and pollution without changing the outcomes of the experiments. Microchemistry during the past 30 years has been developing at an ever increasing rate but this concept is relatively new to India and many chemists / teachers have little or no training in microchemistry, keeping this in mind NPSC organised a workshop in Maharaja Agrasen Model School on 27th April 2018.



The workshop started with the lighting of the lamp and ceremonial song. Then Mr Suraj Prakash, Chairman of Bal Bharti School addressed the gathering. He shared his school experiences as a student and as a Principal. He also said teachers should have self directive learning, reflection and good company/colleagues. He advised us to motivate the students to ask questions as Questioning is the journey of learning.

Then Prof Hari Om Gupta, head of workshop department, NCERT demonstrated how to use the microchemistry kit. The best part of the workshop was the hands on session, we were taken to the lab to try experiments with microchemistry kit. This was followed by a question answer session in Atal Tinkering lab where Changes in Syllabus were also briefly discussed.



Then there was a session on organic chemistry experiments by Dr KK Arora (Prof Zakir Husein College). He first asked us the problems teachers face with organic tests and gave us solutions for the same. He also demonstrated few experiments with micro scale apparatus. Though the session was good the materials could have been prepared before hand, the feedback was given after the workshop. The last session was on Green Chemistry and its need for sustainable development. Overall it was a very good workshop.