

EXTENSION ACTIVITIES OF DEPARTMENT OF CHEMISTRY

Year 2012-13

Water Analysis

Water Analysis is the on going extension activity of the department. Two hundred and six samples of water were collected from Alappuzha locality and analyzed for different water quality parameters like pH value, fluoride, chloride iron and nitrate content. Also twenty samples were analyzed for coli formbacteria.



Soap Making

On 15/01/2013 students of Department of Chemistry were provided with an opportunity to apply in their real life what they studied in the class rooms by making soap and soap powder with cheaply available raw materials. Also they got a chance to showcase their talents to their parents in chemistry lab.



Food Adulteration

Food adulteration is severe problem which adversely affect the human health. Therefore Chemistry department conducted various tests to detect adulteration in many food stuffs on 12/1/13. Food adulterants like chromate in saffron powder, vanaspati ghee or butter, paraffin wax and hydrocarbons in ghee, brick powder in chilly powder etc.were detected.



Milk Adulteration

Milk Adulteration tests were done in the chemistry lab on 8-1-13. Samples were collected from individuals and also milk samples of different companies were tested. Detection of micro organism in the milk like hydrogen peroxide, NaOH, sugar, starch, NaCl, detergents, neutralizers, Urea, formaldehyde, acidity and heat stability, mastitis were done.



Chemistry Exhibition

An exhibition was conducted for the gifted students of Alappuzha Educational District on 29th September 2012 in our college. Also Chemistry department actively participated in the

exhibition organized by Leo XIII High School on November 2012 which was well appreciated by the viewers.

