

Nuances in Chemistry Education-Series 1

Yusuf Hamied Inspirational Chemistry Programme (YHICP)
(Supporting high-quality chemistry education in India)

29-30
JULY
2016



Organized by

RESEARCH AND POST GRADUATE DEPARTMENT OF CHEMISTRY
NIRMALA COLLEGE, MUVATTUPUZHA

In association with

ROYAL SOCIETY OF CHEMISTRY, UNITED KINGDOM

Venue- Audiovisual Hall, Nirmala College Muvattupuzha

Dear Sir/Madam

The Principal and the faculty of the Postgraduate Department of Chemistry, Nirmala College Muvattupuzha have great pleasure to inform you that we are organizing a skill development programme for secondary/higher secondary school chemistry teachers. This programme is conducted under the Royal Society of Chemistry initiative, Yusuf Hamied Inspirational Chemistry Programme and is being scheduled on 29th and 30th of July 2016. Kindly bless the programme with your esteemed presence.

Thanking You,

Sr. Emy Tomy
Mr. Mathews K. Manayani
Coordinators

Dr. Marthakutty Joseph
(HOD)

Dr. T.M Joseph
Principal

TARGET PARTICIPANTS

The programme is mainly designed for chemistry teachers at secondary/higher secondary levels, teacher aspirants and students of chemistry.

ROYAL SOCIETY OF CHEMISTRY

The Royal Society of Chemistry (RSC) is a professional association in the United Kingdom with the goal of "advancing the chemical sciences". It was formed in 1980 from the merger of the Chemical Society, the Royal Institute of Chemistry, the Faraday Society, and the Society for Analytical Chemistry with a new Royal Charter and the dual role of learned society and professional body. The organization carries out research, publishes journals, books and databases, as well as hosting conferences, seminars and workshops. It is the professional body for chemistry in the UK, with the ability to award the status of Chartered Chemist (CChem) and, through the Science Council the awards of Chartered Scientist (CSci), Registered Scientist (RSci) and Registered Science Technician (RScTech) to suitably qualified candidates. The designation FRSC is given to a group of elected Fellows of the society who have made major contributions to chemistry and other interface disciplines such as biological chemistry

YUSUF HAMIED

Yusuf Khwaja Hamied (born 25 July 1936) is a billionaire Indian scientist and businessman, the non-executive chairman of Cipla, a generic pharmaceuticals company based in Bombay. He is also highly regarded for his role in expanding the production of bulk drugs and "active pharmaceutical ingredients" (APIs, the active chemical components in medicines) in India. He was awarded the Padma Bhushan, India's third highest civilian honour by Government of India in 2005. Currently he is a member of a high-level panel of UNO on health, technology and innovation, in an effort to escalate investments in research and development for diseases where financial returns are not guaranteed.

PROGRAMME

FRIDAY, July 29, 2016

9.30am : Registration
10.00 am : Inaugural session

Session 1

10.30am : Lecture 01
Dr.Vimala Oak
"Towards active learning-I"

12.30pm : Lunch

Session 2

1.30pm : Lecture 02
Ms.Stalina Bhai.S
"Towards active learning-II"

3.30pm : Tea

SATURDAY, July 30, 2016

Session 3

10.00am : Lecture 03
Dr.Vimala Oak
"Chemical reactions and equations"

12.30pm : Lunch

Session 4

1.30pm : Lecture 04
Ms.Stalina Bhai.S
"The particle nature of matter"

3.30pm : Concluding Session

4.30pm : Tea

Certificate Distribution

Resource Persons

Dr.Vimala Oak has over three decade's experience of R&D and management with R&D Division of Bharat Heavy Electricals Ltd (BHEL). She has also been engaged in the area of Child Development and teacher training from 1996 as a contribution to the society. She left the corporate job with BHEL in 2006 to devote full time to the area of human resource development and education. She has also been contributing as a volunteer to leading NGOs (Byrraju Foundation, Satyam Foundation, Dr Reddy's Foundation, Navnirmithi, Grammangal, Vipassana Ashram and Azim Premji Foundation) at Hyderabad and Pune. Her focus is on Child Development and has conducted various training programs on meditation, science experiments, mathematics, arts, games and outbound activities.

Ms.Stalina Bhai.S is a chemistry educator formerly associated with Bharatiya Vidya Bhavan. She is an independent researcher in Science Education with a special focus on chemistry education in India. She has also been serving as a mentor for students who participated in Science exhibitions and Science Olympiads in the national level for the past ten years. She conducts various training programmes for students with an aim to develop scientific temper in young minds as well as trains teachers to empower them with advance techniques in the areas of chemistry education and research.

Salient features of the programme

- ▶ The Yusuf Hamied Inspirational Chemistry Programme(YHICP) is designed to empower Indian chemistry teachers and enrich the learning experience of student community
- ▶ A unique training programme in the field of science education with special focus on chemistry
- ▶ A special opportunity to participate, discuss, debate and to be updated with latest teaching techniques and methods addressing various issues in the field of science education

Organizing Committee

Dr. Marthakutty Joseph, Prof. Jose Karikunnel, Prof. Philip Augustine,
Prof. Mercyamma Jacob, Prof. Biju Peter, Sr. Emy Tomy

Dr. Jyothish Kuthanapillil, Prof. Anns Maria Thomas, Prof. Mathews K. Manayani

Nuances in Chemistry