

## **Aims and Objectives**

### **Aim:**

1. To provide chemistry-related experiences to students and help them appreciate the creations of God in macroscopic and microscopic world.
2. To arouse students' interest and curiosity in Chemistry and Science.
3. To provide adequate opportunities for students to discover chemical facts and patterns as well as to understand the concepts and principles behind together with their limitations.
4. To assists students to manage the methods and skills related to scientific investigations.
5. To help students aware of the responsibility of proper use of chemicals and energy to reserve the resources on Earth as well as to protect the environments.
6. To help students aware of the applications of Chemistry in social, technological and environmental aspects in daily life.

### **Objectives:**

1. To improve the quality of teaching and learning processes by
  - updating the knowledge and experiential standard of the teachers
  - sharing the teaching strategies
  - monitoring students' learning progress, learning habits and learning attitude
  - providing good learning resources for reading, practice and assessments to the students
2. To implement the NSS Chemistry teaching and learning with frequent reflections and discussions with colleagues and other teachers as well as collecting feedbacks from the students.
3. To develop students' generic skills and to help building up students' self-efficacy through various teaching-learning activities.
4. To provide English bridging support and training in English reading and writing for students.
5. To cater for learning diversity among the students.