

The one day program for Green Chemistry course

09:00 - 09:30	Arrival and introduction to the course
09:30 - 10:00	Introduction and History of Green Chemistry
10:00 - 10:30	12 Principles of Green Chemistry
10:30 - 11:00	Coffee Break
11:00 - 11:30	Integrating Green Chemistry
11:30 - 12:00	Green House Gas Contributor
12:00 - 14:00	Lunch
14:00 - 14:30	Biodegradability
14:30 - 15:00	Technology in Green Chemistry
15:00 - 15:20	Coffee Break
15:20 - 16:00	Quiz, Discussion and Concluding Remarks

Course outline for Green Chemistry

The course introduces the concept and discipline of green chemistry and its growth and expansion in historical context. Furthermore the course demonstrates the necessity and viability of the methods of green chemistry to the chemical sciences and related disciplines. Introduce the 12 principles of green chemistry as well as the tools including the use of starting materials, reagents, solvents, target molecules, and catalysts. Demonstrate how to evaluate a reaction or process and determine “greener” alternatives. Focus heavily on the application of innovative technology the development of “greener” routes to improve industrial processes and to produce important products.

Who will benefit

Since the course will provide a comprehensive introduction, history and integration of green chemistry, this course is extremely useful for personnel from all sectors of chemical industries, pharmaceuticals. People working at institutions associated with environmental activities will also benefit from a clear overview of green chemistry concept.

What you will learn

After completing this course, the participant will be able to understand the concept of green chemistry, learn alternative methods to generate biodegradable materials. In addition to that participant will become familiar with all aspect, which will keep our environment clean and healthy.
