Waste to Energy - Sustainable Waste Management
Course Duration: 19th to 23rd June, 2023

A brief introduction of the course offered:

'Waste-to-Energy' technologies are not only relevant in generating green energy and fuel for various power, transport and industrial/thermal application, but also features as sustainable way in managing the animal, agricultural, industrial and municipal waste towards cleaner environment. The course will discuss about waste categorisation and various waste to energy technologies, including biological, chemical and thermo-chemical conversion processes, and it's underlying principles. Course will have (2 + 2) hrs lecture for 5 days and will have interactive lab session and demonstration of few waste to energy conversion systems.

Take away message from the offered course:

At the end of the course, students will be able to understand various categories of waste and apply knowledge towards suitable options for efficient conversion of given waste to energy.

Instructor bio:

Prof. Sandeep Kumar, Asst. Professor, Department of Energy Science & Engineering, IIT Bombay (Instructor has research and teaching experience of over 15 years in the field of Biomass and Plastics Waste to Energy Technologies).