

## Objectives and Course Content of Short Term Course

Name of the Course	Sustainable Practices in Solid Wastes Management
Objective of the Course	<ul style="list-style-type: none"> <li>• To impart training about various sustainable practices required to successfully implement “Swachh Bharat” mission</li> <li>• Effective implementation of Solid Waste Management Rules, 2016</li> <li>• Imparting technical knowledge of various sustainable practices to various stake holders of Solid Waste Management</li> </ul>
Course Content	<p>The STC will cover the following topics: -</p> <ul style="list-style-type: none"> <li>• Municipal Solid Wastes: composition, physico-chemical and biological characteristics, collection, handling and segregation</li> <li>• Introduction to Solid Waste Management Rules, 2016 and their implementation aspects</li> <li>• Thermal methods for treatment: RDF, incineration, etc.</li> <li>• Biological methods: composting, vermicomposting, biomethanation (biogas), biodiesel, etc.</li> <li>• Construction &amp; Demolition Waste Management</li> <li>• Implementation of Extended Producer Responsibility (EPR) for plastic waste</li> </ul> <p>The course shall include site visit to see RDF, composting and biogas processes at working plants. Hands on training shall be imparted to the participants</p>
Target Participants	<ul style="list-style-type: none"> <li>• Officers from Municipal Corporations</li> <li>• Officers from Pollution Control Boards</li> <li>• Sanitation Officers from Institutional generators such as educational institutions</li> <li>• Resident Welfare and Market Association members</li> <li>• Members of Gram Panchayat/ Rural Development Department</li> <li>• Operators and Occupiers of Captive facilities in hospitals and hotels/ restaurants</li> <li>• Faculty &amp; staff members and students of educational institutes</li> </ul>
Name of Course Coordinator with E-mail ID & Contact Number	<p>Dr. Geeta Arora  <a href="mailto:geetaarora@pec.ac.in">geetaarora@pec.ac.in</a>            (office) 0172-275 3375            (mobile) 9915227490</p>