



Capsule Course
on
Plastic Waste Management
as per IS 14534:2023
on
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(Online)



BUREAU OF INDIAN STANDARDS
National Institute of Training for Standardization (NITS),
A 20 & 21, Institutional Area, Sector 62, NOIDA - 201309

Bureau of Indian Standards (BIS) being the National Standards Body of the country discharges multitude of functions and services for enhancing the quality ecosystem in the Country. The activities of BIS include standards formulation at national and international level, conformity assessmentschemes (Product Certification, Systems Certification, Registration and Hallmarking) testing and training. All these activities are carried out through their network of headquarters, regional and branch office and labs spread throughout the country.

Development of technical expertise of the producers and processors involved in various field of activities involved inthe supply chain of products, works and services is crucial for adoption of best practices in the sector. Non-compliance to the best practices affects the quality compliance to recyclates, compromises on the health, safety and environmental impact of the process.

BIS has formulated National Standards on codes of practices almost in every field; be it Civil, Electronic, Information Technology, Food & Agriculture, Mechanical, Petroleum, Coal & related products. It plays a vital role in promoting goods and service management through various standards that focus on general Requirements. These standards provide the guidelines and specifications for the deliverables to society and enhance the resilience and safety of goods and services offered to the community.

The Capsule Course on **Plastics — Recovery and recycling of plastics waste — Guidelines** is designed to provide information regarding guidelines for the recycling of plastics waste/scrap by different techniques based on technological trends and policy directives issued for the plastics waste management in India.

The purpose of this code is to specify the best practices involved in the selection, segregation and processing of plastic waste. The code intends to help manufacturers of plastic products who wish to use recycled material along with virgin material in deciding about quality and marking requirements based on percentage of recycled content used in finished product. The Code may also be used as reference material for the industries to establish the quality requirements that should be considered in all steps of the recovery of plastics arising from pre consumer and post-consumer sources.

A one-day Capsule Course is being organized by BIS at NITS, Noida to sensitize the stakeholders about these Standards and its implementation. These Capsule Courses will help to bridge the competence gap in the skills of such personnel and make them skilled enough to achieve quality as per prescribed standards and contribute to the national capacity building leading to enhanced Quality Ecosystem in the country.

Learning Objectives

- Awareness about selection, segregation and processing of plastic waste.
- To understand the importance of standards and guidelines associated.
- To understand the impact of different factors in the process of recovery and recycling of plastic waste.
- Making participants skilled enough to be achieving quality as per prescribed standard.
- Future of standardization with reference to value addition in plastic waste recycling, Overview of National and International Standardization with reference to recycling and recovery plastic waste.
- Technologies of Mechanical Recycling as per Indian Standards.
- Contribution of plastics Recycling in Circularity- Case study of Recycled PET in Beverage Industry vis-à-vis role of Indian Standards.
- PWM Rules
- Mapping of standards against government schemes, Guidelines for marking.
- Value Addition in Plastics Waste Recycling.

Training Methodology

- Online lectures, presentations, videos, case studies and interactive workshops.

Fees

- **The course fee is Rs. 1000/- + 18%GST per participant.**

Who should attend?

- All stakeholders involved in Design, R&D, Manufacturing, Quality Control, Quality Assurance and General Management of recovery and recycling of plastic waste.

Criteria for Selection and Batch Size

- Selection on First come First serve basis

Certification

- Certificate will be provided to all participants on completion of course

How to Apply?

- VISIT the e-BIS Website: www.manakonline.in
- CLICK on the "Training" Head
- LOGIN by clicking on the blue "LOGIN" button on the top right corner
- SIGNUP by clicking on "SIGNUP" on the Member Login Page if you are not a member otherwise "SIGN IN" using your credentials
- FILL OUT all the fields and click on "REGISTER" and complete the registration process.
- CHOOSE the course you want to apply for, fill in the required information.
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Contact

For any further queries, you may contact:

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