

CSWATT/July/2025

ASSIGNMENT BOOKLET

**CERTIFICATE IN SOLID WASTE TREATMENT TECHNIQUES
(CSWATT)**

Last date for submission

31st October



**School of Engineering and Technology
Indira Gandhi National Open University
Maidan Garhi, New Delhi - 110068**

Dear Learners,

As you are aware, a weight-age of 30% has been earmarked for continuous evaluation which would consist of **Tutor Marked Assignment** for each course, BWA001, BWA002, BWA003 and BWA004 of this program. Learners are required to score minimum 40 marks out of 100 marks in assignment of each course. Submit assignment response to **Programme Coordinator (CSWATT), Block C, School of Engineering & Technology, Indira Gandhi National Open University, Maidan Garhi, New Delhi - 110068**

INSTRUCTIONS FOR SUBMITTING ASSIGNMENTS

Before attempting the assignment, please read the following instructions carefully:

- 1) On top of the first page of TMA answer sheet, please write the details exactly in the following format:

	Enrolment no:
	Name:
	Address:
Course code:	
Course title:	
Assignment code:	
Study centre:	Date:

Please follow the above format to facilitate evaluation and to avoid delay.

- 2) Use full size paper for writing your answers.
- 3) Leave 4 cm margin on the left, top and bottom of your answer sheet.
- 4) Answers should be precise.
- 5) While solving problems, clearly indicate the question number along with the part being solved, if any. Recheck your work before submitting it.

Assignments received after the due date shall not be accepted. We strongly feel that learner should retain a copy of assignment response to avoid any unforeseen situation and append, if possible.

Course Code: BWA002

Title of the Course: Solid Wastes Collection and Transportation

Assignment Code: BWA002/TMA/ July/2025

Maximum Marks: 100

Note: All questions are compulsory. All questions carry equal marks.

1. What are various components of a waste collection system?
2. Discuss the various small waste collection vehicles used in the context of developing countries.
3. Write a note on the different kinds of community waste storage systems.
4. Discuss the different between semi-compaction vehicles and compaction vehicles.
5. Discuss the data that should be collected and updated regularly to plan collection of solid waste.
6. Explain the various types of waste transportation systems.
7. Explain about various components of investment costs for planning a solid waste management system?
8. What are the different types of revenues that can be incurred from solid waste management?
9. Explain various type of loaders used for transportation of solid waste.
10. What are the various strategies for route optimization?