

S.S. JAIN SUBODH P.G. COLLEGE, JAIPUR

VALUE-ADDED COURSE

COURSE TITLE: ZERO WASTE PRACTICES

NODAL DEPARTMENT: ENVIRONMENTAL SCIENCE

COURSE CODE: 23VAC_6306T

MARKING SCHEME

Tutorial (Hours)	Time Allowed ESE (Hrs)	Course Credits	Total Marks	End Semester Exam (Max. Marks)	Assignment	Minimum Marks
30	2	2	50	35	15	20

COURSE OBJECTIVES:

- To provide individuals with a solid foundation of Zero Waste practices, policies and regulations, values, and concepts.
- To describe zero waste lifestyle practices for sustainable development.

COURSE CONTENTS:

Concept of–Zero Waste–Zero Pollution–Zero Landfill, Three general methods of attaining zero pollution, Economics of zero pollution. Technologies for Waste Utilization and vermin-composting, Waste-to-Energy–Combustion, Landfill, recycling of waste, clean Technologies and their applications in production processes.

(15 Hours)

Case studies & Success Stories of Zero waste utilization in different sectors: create a "Waste Hero" story & poster with a message to inform, inspire, and encourage others to take action against waste in our environment.

(15 Hours)

SUGGESTED READINGS:

1. The Zero-Waste Lifestyle; Amy Korst; Ten Speed Press; 2012
2. Environment Encyclopedia: Waste Management (Go Green); Vohra Indrani; Om Books International; 2019.
3. Perfectly Zero Waste: A No-Nonsense Guide to Living Sustainably in India; Srin and Shubhashree; Hachette India; 2021.
4. Concepts of Advanced Zero Waste Tools: Present and Emerging Waste Management Practices; Chaudhery Mustansar Hussain; Elsevier; 2020.

COURSE OUTCOMES:

On successful completion of the course the students will be able to:

- Analyze the Sustainable Development Goals
- Will be able to advice on Reduce, Recycle and Reuse.
- Will be able to conceive the concept of sustainability and contribute effectively
- Will practice sustainable way of Life



(Prof. K. B. Sharma)

Principal



Head of the Department