



Indraprastha College for Women

University of Delhi

Course Name:	SEC
Paper Title:	Prospecting E-Waste for Sustainability
Unique Paper Code:	2186000002
Semester:	III
Faculty(s):	Dr. Nikki
Year:	2024

Work Plan			
Period	Unit No.	Learning Objective	Topics to be Covered
1 st Aug -3 rd Aug		Understanding E-waste	Introduction to E-Waste, Identification of e-waste and its types
5 th Aug-10 th Aug		Understanding composition of E-waste	Composition of e-waste and segregation from the materials provided, Submission and evaluation of Practical file
12 th Aug-17 th Aug		Dismantling of e-waste	Dismantling of e-waste and handling process, Submission and evaluation of Practical file
19 th Aug-24 th Aug		Indian Laws about e-waste	Environmental protection laws and producer's responsibility for e-waste management
26 th Aug-31 st Aug		Indian Laws about e-waste	Environmental protection laws and producer's responsibility for e-waste management, ACTIVITY 1
2 nd Sep-7 th Sep		Regulatory mechanism	Understanding of how regulatory mechanism can be utilised in the mechanism of e-waste in educational institutions
9 th Sep-14 th Sep		Regulatory mechanism	Understanding of how regulatory mechanism can be utilised in the mechanism of e-waste in educational institutions
16 th Sep-21 st Sep		Doubt clearing	Submission and evaluation of Practical file
23 rd Sep-28 th Sep		Reduction of e-waste	Ways to reduce e-waste at source
30 th Sep-5 th Oct		Doubt clearing	ACTIVITY 2,
7 th Oct-12 th Oct		Doubt clearing	Submission and evaluation of Practical file
14 th Oct-19 th Oct		Collection of e-waste	Understanding and itinerary of the process for procuring e-waste import permissions
21 st Oct-26 th Oct		Doubt clearing	Submission and evaluation of Practical file, ACTIVITY 3
28 th Oct-2 nd Nov			MID-SEM BREAK
4 th Nov-9 th Nov		Indian Laws about e-waste	e-waste management rules and its implementation, Hazardous waste rule 2008,

			e-waste rules 2010, e-waste management rule 2016
11 th Nov-16 th Nov		Doubt clearing	ACTIVITY 4,
18 th Nov-23 rd Nov		Doubt clearing	Submission and evaluation of Practical file
25 th Nov-27 th Nov		Doubt clearing	Submission and evaluation of Practical file
28 th Nov	DISBERSAL OF CLASSES		

Books for Reference

- Hester, R.E. and Harrison, R.M., 2009. Electronic Waste Management: Design. Analysis and Application. Royal Society of Chemistry Publishing. Cambridge, UK.**
- **Fowler, B.A., 2017. Electronic Waste: Toxicology and Public Health Issues. Academic Press.**
 - **Gaidajis, G., Angelakoglou, K. and Aktsoğlu, D., 2010. E-waste: environmental problems and current management. Journal of Engineering Science and Technology Review, 3(1), pp.193-199.**
 - **Janyasuthiwong, S., 2020. Metal Removal and Recovery from Mining Wastewater and E-waste Leachate. CRC Press.**