No	Information of Radio	pactive waste management
1	Unit name:	Radioactive waste management
2	Code:	NE-51014
3	Classification:	Major Subject
4	Credit value:	3.5
5	Semester/ Year Offered:	2/5
6	Pre-requisite:	NE 1011 Introduction to radiation and radioactivity
		NE 4013 Radiation Protection and radiation shielding
7	Mode of delivery:	Presentation, discussion, class work
8	Assessment system and breakdown of marks:	Written exam, Tutorial, Assignment
	Written Exam	70%
	Tutorial	20%
	Assignment	10%
9	Academic staff teaching unit:	Department of Nuclear Technology
10	Course outcome of unit:	
	After completion of this course, students will be able to	
	1. discuss different radiation exposure pathways radioactive waste	
	2. classify different types of radioactive waste	
	3. identify general approaches to the management of radioactive wastes	
	4. apply radioactive waste management system in practical applications	
	5. identify to all activities involving radioactive waste, including spent and disused sealed sources, associated with the use of radioactive material in medicine, industry, research agriculture and education.	
	6. identify some recommendations on developing and implementing management systems for the pretreatment, treatment, conditioning and storage of radioactive waste.	
11	Synopsis of unit: The purpose of this lecture is to provide an overview of radioactive waste arising and classification, waste characteristics and management options. It introduces the overall management system for a programme of activities for waste management, incorporating the individual management systems of a series of operators that carry out successive steps in the	

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