

NTEC Module N04: Decommissioning, Radioactive Waste and Environmental Management 20th -24th November 2023

	09:15-10:00		10:15-11:00	11:15-12:00		13:00-13:45	14:00-14:45		15:15-16:00	16:15-17:00
MON 20 Nov	Introduction to NO4 Module	Break	DECOMMISSIONING OF CIVIL NUCLEAR FACILITIES Introduction	Decommissioning and Waste Management at Sellafield	Break	Decommissioning and Waste Management At Sellafield L2	Robots, AI, Remote handling and advanced technologies For decommissioning at Sellafield	Break	LLW Repository at Driggs	Challenges at LLWR and development of LLW Inventory
TUES 21 Nov	Benefits of a Coordinated Decontamination Strategy	Break	<i>To attend this session watch pre-recorded material on Blackboard</i> Intrative session Environmental Protection	Environmental Protection Work shop session on Windscale Trenches.	Break	Environmental Protection Work shop session on Windscale Trenches.	DECOMMISSIONING OF CIVIL NUCLEAR FACILITIES Nuclear Global Challenges	Break	Challenges with the decommissioning of Graphite Moderated reactors vs Water Moderated Reactors	Environmental Monitoring at Nuclear Licensed Sites Bhat Arshad
WED 22 Nov	Site Characterisation and Land Remediation	Break	Exercise Planning, Literature survey Research Teams	Library LIS Research Literature Survey	Break	Nuclear sites and nuclear waste management in post reprocessing and new strategies	<i>Students are expected to have watched the pre recorded material</i> Environmental Safety Cases 1	Break	Environmental Safety Cases 2	Seminar questions and Answers session 3
THU 23 Nove	Travel to Heysham Trip	Break	Heysham Nuclear Power Station Visit Lecture by the of EDF Energy Defuelling team and start of Nuclear Decommissioning Of AGR Fueled Nuclear Plant. Arrive 09:30 for 10:00 am start		Break	Journey through AGR and its futuristic Decommissioning from Fuel Route to Disposal/ dismantling Storage		Break	Return to campus	Radioactive Waste & ND Policy,Governance & Socio-political Issues
FRI 24 Nov	Exercise Preparation Groups 1 & 2		Exercise Presentations Group 3 &4	Exercise Presentations Group 5	Feedback Assignment 1 release					

Please Note:- Although the teaching sessions are to finish at 17:00Hrs. The rooms are booked till 18:00. This is to allow students to work on group exercise with a view to present on Friday. October 2023