

No.	Course No.	Course Title	Weekly hours		Credits	Pre-requisite	Learning Type
			Theoretical	Practical			
55	0704586	Natural Disaster Modelling and Simulation	3	0	3	-	blended
			Introduction to the importance of engineering applications of modeling and simulation in managing natural developments, numerical growth models of microorganisms, models of physical systems, hydrodynamics models for flash and flash floods, water quality models in canal systems, models of preserved and unconserved environmental processes, water quality models in lakes and dams reservoirs. Air quality models, groundwater models				