Subject Description Form

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Subject Code	CSE40482						
Subject Title	Disaster Control and Management						
Credit Value	3						
Level	4						
Pre-requisite / Co-	Exclusion: CSE482 Disaster Control and Management						
requisite/ Exclusion							
Objectives	This subject aims to review the nature and consequence of natural and manmade disasters, and corresponding management and control regimes.						
Intended Learning	Upon completion of the subject, students will be able to:						
Outcomes							
	a. understand basic terminologies and concepts in disaster						
	management;						
	b. distinguish between natural and human-made hazards;						
	c. familiar with fundamental concepts of emergency management						
	cycle;						
	d. recognize the psychological impact of disaster and the need for						
	effective management on victim psychology;						
	e. understand disasters as disturbances in our environment that						
	need to care for;						
	f. critically review the appropriateness of disaster control and						
	management for proper concern of the victims, communities and						
	the people of the world as a whole.						
	the people of the world as a whole.						
Subject Synopsis/	1. Introduction						
Indicative Syllabus	What is a disaster? Historical review of different types of						
inuicative Synabus	disasters and their management. Definitions. Disaster trends.						
	disasters and their management. Definitions. Disaster trends.						
	2. Hazards						
	Types of hazards. Natural and human-made hazards. Disasters						
	and emergencies. Hazard identification and their characteristics.						
	Hazard analysis.						
	2 Distrand Watermalility						
	3. Risk and Vulnerability						
	Risk and hazard. Likelihood and consequence. Risk evaluation.						
	Risk acceptability. Vulnerability.						
	A M (CD)						
	4. <u>Management of Disasters</u>						
	Modern disaster management. Team approach to disaster						
	management. International disaster management. Model of						
	victimization.						
	5. <u>Psychological impact of Disasters</u>						
	Factors affecting the perception of stress. Acute stress						
	disorders. Post-traumatic stress disorders. Counselling and						
	support of victims.						

	6. Participation in Disa									
	Government participation in emergency management. Bilateral									
	disaster manageme									
	agencies. Role of non-governmental agencies in disaster management. Disaster management and multi-lateral and									
	international organizations and international financial									
	institutions.									
	7. Special Considerations									
	Coordination. The Media. Culture and disa							elief.		
	Institutional capacity development. Political and power distribution. Compound emergencies. Donor fatigue Corruption. Humanitarian assistance and relief distribution. Early warning. Risk reduction and development. Terrorism.									
Teaching/Learning	The lectures will cover basic concepts in disaster management and									
Methodology	control. Fieldwork will be incorporated where appropriate during									
	the course of study. During the study, students are required to research									
	related literatures or artic	les to suppor	t wha	at the	y havo	e lear	nt.			
Assessment										
Methods in	Specific assessment	%	Intended subject learning							
Alignment with	methods/tasks	weighting		outcomes to be assessed						
Intended Learning	a b c						e	f		
Outcomes	1. Coursework									
	a. Quiz I	10	✓	✓	✓	✓				
	b. Quiz II	5					✓	✓		
	c. Individual Essay	10	√	√	√					
	d. Group Report	15	✓	✓	✓		✓	✓		
	and Presentation	(0)	√	√						
	2. Final Examination	60	V	V	V	V	✓	✓		
	Total	100								
	Students must pass the final examination and achieve a passing overall									
	score/ grade to pass the subject.									
Student Study	Class contact:						Average hours			
Effort Expected							per week			
	Lectures / Tutorials					3 Hrs.				
	Other student study efforts:							7 TT		
		• Coursework						2.5 Hrs.		
	Self StudyTotal student study effort					3.5 Hrs. 9 Hrs.				
Reading List and	Essential Textbook:	ι						э ПГS.		
References	ESSCHUAI TEXIUUUK.									
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	Management. Amsterdar		voii	.0 11	110	accord	ar D	is as i CI		
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