



MERI College of Engineering & Technology (MERI-CET)

Session: 2020-21
 Department:
 Management Subject
 Name of Faculty

Course-BBA
 Semester: 3RD
 Faculty Name:

Discipline : BBA
 Semester : 3rd
 Subject : DISASTER MANAGMENT
 Lesson Plan Duration : 15 Weeks (From Aug. 2020 to Nov 30)
 Work load (Lectures/Practical)
 Per week (in hours) : Lectures-04, Practicals-00

WEEK	THEORY		PRACTICAL	
	LECTURE DAY	TOPIC (including assignment /test)	PRACTICAL DAY	TOPIC
1 ST	1 st	Structure of the atmosphere; Pressure, temperature, precipitation,	NO PRACTICALS	
	2 nd			
	3 rd	Cloud classification and formation; Carioles force; El Nino phenomenon; Western disturbances;		
	4 th			
2 ND	5 TH	ASSIGNMENT-1		
	6 TH	Energy model and budget of the earth. Primary differentiation and formation of core.		
	7 TH			
8 TH				
3 rd	9 TH	mantle, crust, atmosphere and hydrosphere; magma generation and formation of igneous rock		
	10 TH			
	11 TH			
	12 TH			
4 th	13 TH	weathering; erosion; transportation and deposition of earth's material by running water		
	14 TH			
	15 TH	river meandering and formation of ox-bow lake.		
	16 TH			
5 th	17 TH	Depletion of natural capital; development as causes of disasters; rapid population growth.		
	18 TH			
	19 TH			
	20 TH			
6 th	21 TH	environmental pollution; epidemics; industrial accidents and chemical		
	22 TH			

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code: BBAN 305	23 TH	releases; multipurpose project and resettlement issues	
	24 TH		
7 th	25 TH	Humanitarian assistance in emergencies. ASSIGNMENT-3	
	26 TH		
	27 TH		
	28 TH		
8 th	29 TH	Floods – flood plains, drainage basins, nature and frequency of flooding, flood hazards, urbanization and flooding	
	30 TH	flood hydrographs, Dams barrages and river diversions, creation of reservoir	
	31 TH		
	32 TH		
9 th	33 TH	influence on micro-climate, impact on flora and fauna.	
	34 TH		
		35 TH	Landslides – Landslide analysis, determination of stability and safety factor. Coastal hazards – tropical cyclone,
	36 TH		
10 th	37 TH	coastal erosion Sea level changes and its impact on coastal areas ASSIGNMENT-4	
	38 TH		
		39 TH	Coastal zone management. Climate change-Emissions and Global warming
		40 TH	
11 th	41 TH	impact on sea level in south Asian region Environmental disruptions and their implications	
	42 TH		
	43 TH		
	44 TH		
12 th	45 TH	Earth quakes - Preliminary concepts, seismic waves, travel-time and location of epicenter, ASSIGNMENT-5	
	46 TH		
	47 TH		
	48 TH		Nature of destruction, a seismic designing, quake resistant buildings and dams.
13 th	49 TH		
	50 TH		
	51 TH	Tsunamis – causes and location of tsunamis; disturbance in sea floor and release of energy,	
	52 TH		
14 th	53 TH	travel time and impact on fragile coastal environment Volcanoes ASSIGNMENT-6	
	54 TH		



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code: BBAN 305 55 TH	56 TH	Causes of volcanism, volcanic materials, geographic distribution of volcanoes	
15 th			
PRE-UNIVERSITY EXAMINATIONS			