Teaching Plan: 2020 - 21

Department: Env Mgmt Class: T.Y.Env. Mgmt Semester: 6

Subject: Corporate Governance

Name of the Faculty: Sangita Pande

Month	Topics to be Covered	Internal Assessment	Number of Lectures
January	Corporate Governance: Meaning scope & Reporting		10
	The Agency Theory : Principal – Agent Relationship		
February	Role of CEO, Board and Senior Executives		12
	Right of Investors and Shareholders		

March	Financial Regulations and their scope in CG	10
	Corporate governance from Cadbury committee to Narayan Murthy committee	
April	revision	6

Sign of Faculty

Teaching Plan: 2020 - 21

Department: Environmental Mgmt Class: T.Y.Envt Mgmt Semester: VI

Subject: Disaster Management

Name of the Faculty: Ms. Shivani Naik

Month	Topics to be Covered	Internal Assessment	Number of Lectures
January	Unit I Disaster -Introduction –Types of natural calamities, major and minor calamities – impact of calamities.	Discussions Case study	14
	Unit II Natural disaster – cyclone – Tsunami – flood – Landslides – earth quake.		
February	UNIT III Manmade disaster – Wars – Biological war (introduction of pathogens) – misuse of atomic bombs –major accidents from industries e.g. Bhopal. Lov canal disaster – London Smog.	Quiz	10
March	UNIT IV Medical Management of disaster – Disaster Impacts and response – Identification of dead – Search rescue –first and relief phase – Vaccination, basic sanitation and personal hygiene.	Management Games	12

April	UNIT V Environmental Disaster – Assessment, Planning – mitigation program – preparedness – resettlement rehabilitation – role of NGOS, Gos (relief camp), Psychotherapy – simplified yoga and meditation, stress management.	Class test	12
		Total	48

Ms. Shivani Naik, Core Faculty

Sign of Faculty

Teaching Plan: 2020 - 21

Department: Env Mgmt Class: T.Y.Env. Mgmt Semester: 6

Subject: Environment and eco tourism

Name of the Faculty: Dr. Prajakta Jadhav

Month	Topics to be Covered	Internal Assessment	Number of Lectures
January	UNIT-I Agriculture – Contribution to Economic development – food problem – land reforms in India, Bhoodan movement – Green revolution – Panchayat Raj – Community development Projects– Co – Operative movement.		10
	UNIT-II Rural social structure – caste system, joint family- religion caste, cultural social & psychological barriers to economic development – over coming – resistance to change.		5
February	UNIT-III Concepts of Tourism – Classification – Religious tourism – Cultural tourism – Heritage		12

	tourism – Monumental tourism – Adventure tourism – Mars tourism – Sustainable tourism – Consumptive & non consumptive tourism.	
March	UNIT-IV Principles of Ecotourism – Types of Ecotourism – Concepts of Ecotourism – Objectives of Ecotourism – benefits of Ecotourism – trends affecting ecotourism.	10
April	UNIT-V Impact of Ecotourism – Economic impacts (fiscal impacts, concepts & Methods) – Types and degree of impacts from Ecotourism activities – Socio cultural impacts – Ecotourism related organization – Ecotourism Research disasters & Ecotourism.	6

Teaching Plan: 2020 - 21

Department: Environmental Mgmt Class: T.Y.Envt Mgmt Semester: VI

Subject: Environmental Problems, Hazards & Mitigation

Name of the Faculty: Minaxi Kamat

Month	Topics to be Covered	Internal Assessment	Number of Lectures
January	Unit 1: Natural and Man made Environmental Problems: Environmental problems associated with urbanization, industrialization, modernization of agriculture		14
February	Unit 2: Global and Regional Environmental Issues: Green House effect – causes and associated hazards, Ozone layer depletion – causes and associated hazards, Acid rain, Deforestation and loss of bio-diversity; Major environmental problems in India		10
March	Unit 3: Problems of Urban Environment: Municipal waste, domestic waste, industrial waste; Biomedical wastes; Road traffic and noise pollution problem, Air pollution problem, Problem of housing, drinking water and sanitation, slum areas		12
April	Unit 4: Problems of Rural Environment: Drinking water, Domestic fuel, Food and Fodder, Sanitation, Health and Hygiene, Land degradation. Unit 5: Environmental problems related to forest and wetlands: Human intervention,		12

Degradation, encroachment, loss of	
habitats and biodiversity	

Sign of Faculty Sign of Coordinator

Teaching Plan: 2020 - 21

Department: Env Mgmt Class: T.Y.Env. Mgmt Semester: 6

Subject: Solid & Hazardous Waste Management

Name of the Faculty: Dr. Prajakta Jadhav

Month	Topics to be Covered	Internal Assessment	Number of Lectures
January	UNIT I SOLID WASTE: Definition of solid wastes – types of solid wastes – Sources - Industrial, mining, agricultural and domestic – Characteristics. Solid waste Problems - impact on environmental health –		8
	Concepts of waste reduction, recycling and reuse. UNIT II COLLECTION, SEGREGATION AND TRANSPORT OF MUNICIPAL		
	SOLID WASTES: Handling and segregation of wastes at source. Collection and storage of municipal solid wastes;		6
	analysis of Collection systems. Transfer stations – labeling and handling of hazardous wastes.		

February	UNIT III MUNICIPAL SOLID		8
	WASTE MANAGEMENT:		
	Solid waste processing technologies.		
	Mechanical and thermal volume		
	reduction. Biological		
	and		
	chemical techniques for energy and		
	other resource recovery: composting,		
	vermicomposting,		
	,		
	termigradation, fermentation.		
	Incineration of solid wastes. Disposal in		
	landfills: site selection,		
	design and apparation of socitoms		
	design, and operation of sanitary		
	landfills; Leachate and landfill gas		
	management; landfill		
	closure and post-closure environmental		
	monitoring; landfill remediation.		
	Regulatory aspects		
	of		
	municipal solid waste management.		
	manierpar sond waste management.		
	LIMIT IN HAZADDOHC WASTES.		
	UNIT IV HAZARDOUS WASTES:		
	Hazardous waste definition. Physical		
	and biological routes of transport of		
	hazardous		
	substances – sources and		
	characterization categories and control.		
	Sampling and analysis of		7
	hazardous wastes – analytical approach		,
	for hazardous wastes characterization –		
	proximate		
	proximate		
	1	1	

	analysis – survey analysis – directed analysis – analytical methods.	
	UNIT V HAZARDOUS WASTES MANAGEMENT:	9
March	Sources and characteristics: handling, collection, storage and transport, TSDF concept.	
	Hazardous waste treatment technologies - Physical, chemical and thermal treatment of	
	hazardous waste: solidification, chemical fixation, encapsulation, pyrolysis and incineration.	
	Hazardous waste land fills - Site selections, design and operation. HW reduction, recycling	
	and	
	reuse, Regulatory aspects of HWM.	
	UNIT VI BIOMEDICAL WASTE MANAGEMENT	
	Biomedical waste: Definition, sources,	
	classification, collection, segregation Treatment and	
		6
	disposal.	
April	UNIT VII RADIOACTIVE WASTE MANAGEMENT:	6
	Radioactive waste: Definition, Sources, Low level and high level radioactive wastes and their	

management, Radiation standard by	
ICRP and AERB	
UNIT VIII E-WASTE	
MANAGEMENT:	4
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Waste characteristics, generation,	
collection, transport and disposal.	
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Sign of Faculty

Teaching Plan: 2020 - 21

Department: Env Mgmt Class: T.Y.Env. Mgmt Semester: VI

Subject: CORPORATE SOCIAL RESPONSIBILITY ___

Name of the Faculty: <u>DR.RAHUL CHOPRA</u>

Month	Topics to be Covered	Internal Assessment	Number of Lectures
JAN	Overview of CSR/Sustainability 2. The Triple Bottom-line Approach 3. Philanthropy – Conventional and Strategic	TWO WAY COMMUNICATION AND VIDEO LECTURE	15
FEB	4. Environmental issues Social issues Labour and related issues Ethical and Governance issues	TWO WAY COMMUNICATION AND VIDEO LECTURE	10
MARCH	Human Rights – UN Charter ISO – 14001 2. OHSAS – 18001 3. SA – 8000 4. OECD Guidelines for Multinational Companies	TWO WAY COMMUNICATION AND VIDEO LECTURE & PRESENTATION	10

	5. Global Compact		
	6. AA – 1000		
	7. BS / ISO Guideline on CSR		
	management		
	Global Reporting Initiative Guideline	TWO WAY	10
	G-3	COMMUNICATION	
APRIL	2. NGO and CSR	AND VIDEO	
		LECTURE &	
		PRESENTATION	
	5. Communication		

Sign of Faculty RAHUL CHOPRA