GUJARAT TECHNOLOGICAL UNIVERSITY

Program Name: Bachelor of Business Administration

Level: PG

Course / Subject Code: MB02000011

Course / Subject Name : Fundamentals of ESG for Sustainability

w. e. f. Academic Year:	2024-25
Semester:	2
Category of the Course:	Ability Enhancement Courses (AEC)

Prerequisite: UG Course

Rationale:	Sustainability is a strategic business approach that fosters enduring value by meticulously considering ecological, social, and economic dimensions. This course will help students understand the importance of various ecological, social and economic as well as legal dimensions for sustainable business growth. The ESG framework will create sensitivity amongst students towards climate change and its impact on business in particular and the entire habitat in general.

Course Outcome:

After Completion of the Course, Student will able to:

No	Course Outcomes	RBT Level
C01	Understand the basic framework of Ecology and Environmental issues on sustainability of the business	U
C02	Understand the practices need to be modified in order to abide by the Sustainable Development mandate	U
C03	Apply one's knowledge base on organizational practices and improvements being made to attain ESG	A

**Revised Bloom's Taxonomy (RBT) Where R: Remember; U: Understanding; A: Application, N: Analyze and E: Evaluate C: Create (as per Revised Bloom's Taxonomy)*

Teaching and Examination Scheme:

Teaching Scheme (in Hours)			Total Credits L+T+ (PR/2)	Assessment Pattern and Marks				Total Marks
				Theory		Tutorial / Practical		
L	T	PR	C	ESE (E)	PA / CA (M)	PA/CA (I)	ESE (V)	
2	0	0	2	50	30	20	0	100

Course Content:

Unit No.	Content	No. of Hours	% of Weightage
1.	**Introduction to Ecosystems:** Meaning & Definition of Ecology, Scope & Importance, Evolution of Sustainable Development, Concepts of Ecosystem **Environmental Issues** Meaning & Definition of Pollution, Environment and Pollutants, Causes and Effects of different types of Pollutants on Ecosystem, Greenhouse Effect, Global Warming and Climate Change **Sustainability of Business Enterprise** Sustainability and its Background, Business Strategies of Sustainable Development, Concept of Green Business, Green Ranking and Carbon Credit, Environmental Reporting Standards & Certifications	**12**	**50**
2.	**Sustainable Development Goals (SDGs) :** • Meaning, Importance and History of SDG announcement • 17 goals under SDG and how they are linked with ESG • Why is "making a difference" very critical Ways of making a difference – initiatives by Individuals, organizations, society and government. **ESG (Environmental, Social and Governance) Framework :** • Importance and Main Focus of ESG Framework • Individual Components of the ESG Framework and value creation for businesses ESG and EHS (Environment, Health and Safety), CS (Corporate Sustainability) and CSR (Corporate Social Responsibility)	**13**	**50**
3	**Practical:** Student should be motivated to Read and Present about Industry initiatives for achieving Sustainable Development Goals, Industry initiatives in the areas of EHS and CSR and how they address ESG goals. Tree Plantation Program, Clean Campus Drive, Energy Saving Activities, etc. may be carried out at Institute. Joint activity with NGO for different initiatives related to promotion of Sustainability may be carried out.	**05**	**NIL**
	TOTAL	**30**	**100**

Suggested Specification Table with Marks (Theory):

Distribution of Theory Marks (in %)					
R Level	**U Level**	**A Level**	**N Level**	**E Level**	**C Level**
0	60	40	0	0	0

Where R: Remember; U: Understanding; A: Application, N: Analyze and E: Evaluate C: Create (as per Revised Bloom's Taxonomy)

References/Suggested Learning Resources:

- **Suggested Learning Resources:**

Sr. No.	Title of Book	Author	Publication with place, year and ISBN
1	Understanding ESG and Sustainability	Sunny Revankar	Jec Publication ISBN-13: 978-9357494724 ISBN-10:9357494723
2	Sustainable Development Goals	Vinod Malhotra	Pentagon Press LLP ISBN: 978-9390095629

- **Software/Learning Websites**

  http://unglobalcompact.org

Suggested Activities for Students for PA: (20 Marks)

- Read and Present about Industry initiatives for achieving Sustainable Development Goals
- Read about Industry initiatives in the areas of EHS and CSR and how they address ESG goals
- Tree Plantation Program, Clean Campus Drive, Energy Saving Activities, etc. may be carried out at Institute
- Joint activity with NGO for different initiatives related to promotion of Sustainability may be carried out.

CO- PO Mapping:

Semester 2	**Fundamentals of ESG for Sustainability**				
	POs				
Course Outcomes	PO1	PO2	PO3	PO4	PO5
CO1	2	3	-	1	2
CO2	2	3	-	1	2
CO3	1	2	-	2	2

*Legend: '**3**' for high, '**2**' for medium, '**1**' for low and '**-**' for no correlation of each CO with PO.*

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