

COURSE CODE: ENS-323
COURSE NAME: Environmental Management Systems
CREDIT HOURS: Theory = 3 Practical = 0 Total = 3
CONTACT HOURS: Theory = 48 Practical = 0 Total = 48
PREREQUISITE: None
MODE OF TEACHING: Three hours of lecture per week

Course Description:

This course is aimed at providing training students on designing Environmental Management Systems for any organization in order to enable them to contribute in planning and implementation of EMS in an organization.

TOPICS COVERED:

Week#	Topics
1	Introduction to the concept of Corporate Social Responsibility (CSR)
2	Introduction to the concept of Corporate Social Responsibility (CSR)
3	Environmentally responsible business initiative
4	Introduction to principles of green economic growth
5	Introduction to principles of green economic growth
6	Classroom exercises on identification of environmental aspects
7	Classroom exercises on identification of environmental aspects
8	Classroom exercises on Assessment of environmental impacts
9	Midterm Exam – MSE
10	Classroom exercises on Assessment of environmental impacts
11	Classroom exercises on suggestion of mitigation measures of activities of some hypothetical organization
12	Classroom exercises on suggestion of mitigation measures of activities of some hypothetical organization
13	Development of Environmental Management Plan by a group of students for a

	hypothetical or real organization
14	Presentation and discussion of Environmental Management Plan by a group of students for a hypothetical or real organization
15	Presentation and discussion of Environmental Management Plan by a group of students for a hypothetical or real organization
16	Industrial visits to identify environmental issues of management
17	Report Writing
18	End Semester Exam

Text and Material:

1. Environmental Management Systems: Implementation Guide for Small and Medium-Sized Organizations by U.S. Environmental Protection Agency, 2013.
2. Environmental Management Systems: General Guidelines on Principles, Systems and Support Techniques. American Society for Quality, International Organization for Standardization. 2nd Ed., American Society for Quality, 2016.
3. Environmental Management Systems: A step-by-step Guide to Implementation and Maintenance, Sheldon, C. and Yoxon, M., 3rd Edition.

ASSESSMENT SYSTEM:

Theoretical/Instruction	100%
Assignments	10%
Quizzes	15%
Mid Semester Exam	25%
End Semester Exam	50%
Practical Work	0%
Lab Attendance	0%
Lab Report	0%
Lab Quiz	0%
Lab Rubrics	0%