**Teaching plan for period:** Jan 2025 – May 2025

**Subject, Sem. & Course: (Sem-VIII, CSE (Data Science Dept.)**

**Course Code: - ILE**(**DJ19ILO8029**) **Class:** B. Tech

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| **Week No.** | **Date** | **Topics to be covered** | **Date on which covered** |
| 1. | 27-01-2025  to  01-02-2025 | **Module 1: Introduction to Data Ethics:** Principles of Environmental  management (EM) |  |
| Introduction of Environmental Management, Definition. |  |
| Ecosystem concept, Participants in Environmental Management |  |
| 2. | 03-02-2025  to  08-02-2025 | International Environmental, Environmental issues relevant to India. |  |
| **Module 2: Data-driven Business Model** : Policy of Environmental Management |  |
| Legal Aspects of Environmental Management |  |
| 3. | 10-02-2025  to  15-02-2025 | Introduction to various Environmental Policies. |  |
| Indian and International Environmental laws and legislation. |  |
| Environmental Management system Standards |  |
| 4. | 17-02-2025  to  22-02-2025 | **SHIVAJI MAHARAJ JAYANTI (19-02-2025)** |  |
| Core Elements of Environmental Management |  |
| **SPORTS DAY (22-02-2025)** |  |
| 5. | 24-02-2025  to  01-03-2025 | Benefits of Environmental Management. |  |
| Certification Body Assessment of Environmental Management. |  |
| **MAHASHIVRATRI (26-02-2025)** |  |
| Documentation for Environmental Management System |  |
| 6. | 03-03-2025  to  08-03-2025 | ISO-14000 Standards of Environmental Management. |  |
| **Module 3: Bias & Analysis** |  |
| Environmental Impact Assessment (EIA) |  |
| 7. | 10-03-2025  to  15-03-2025 | Hierarchy of EIA |  |
| **DHULIVANDAN (14-03-2025)** |  |
| Steps of Environmental Impact Assessment (EIA) |  |
| 8. | 17-03-2025  to  22-03-2025 | **TERM TEST 1 (17-03-2025, 18-03-2025, 19-03-2025)** |  |
| Environmental Impact Statement |  |
| Impact Indicators |  |
| Evolution of IA in India and worldwide |  |
| 9. | 24-03-2025  to  29-03-2025 | Preliminary stages of EIA |  |
| Impact of Environmental Impact Assessment (EIA) |  |
| **TRINITY (27-03-2025, 28-03-2025, 29-03-2025)** |  |
| 10. | 31-03-2025  to  05-04-2025 | **RAMZAN ID (31-03-2025)** |  |
| Prediction of Environmental Impact Assessment (EIA) |  |
| Evaluation of Environmental Impact Assessment (EIA) |  |
| 11. | 07-04-2025  to  12-04-2025 | Mitigation of Environmental Impact Assessment (EIA) |  |
| **Module 4: Data Privacy:** Environmental Auditing (EA) |  |
| **MAHAVIR JAYANTI (10-04-2025)** |  |
| 12. | 14-04-2025  to  19-04-2025 | **DR. AMBEDKAR JAYANTI (14-04-2025)** |  |
| **ANNUAL DAY (17-04-2025)** |  |
| **GOOD FRIDAY (18-04-2025)** |  |
| Objectives of Environmental Auditing (EA) |  |
| Scope and Types of Environmental Auditing (EA) |  |
| Audit Methodology Environmental Auditing |  |
| 13. | 21-04-2025  to  26-04-2025 | Elements of Audit Process Auditing of EMS, Auditing of EMS |  |
| **Module 5: Data Ethics and Trust :** Environmental Management Techniques |  |
| Environmental Monitoring and Modelling, |  |
| 14. | 28-04-2025  to  03-05-2025 | Environmental technology Assessment |  |
| **TERM TEST 2 (30-04-2025, 02-05-2025, 03-05-2025)**  **MAHARASHTRA DAY (01-05-2025)** |  |
| Data EthicsofETA |  |
| 15. | 05-05-2025  07-05-2025 | Environmental Risk Assessment |  |
| Eco-mapping |  |
| Revision of All Syllabus |  |

Prof. Govind WakureDr. Kriti Srivastava

**(Subject In-charges) HOD-CSE (Data Science)**