**Sem II under VAC of NEP**

**Global Environment Management**

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| **Program: F.Y. B. M. S /B A F/ B F M/ BSc (IT)/ FYBCom-Eco/FYBCom-Eco & Analytics** | | | | | | **Semester: II** | |
| **Course: Global Environment Management**  **Academic Year: 2023-2024 Batch: 2023-2026** | | | | |  | **Code:** | |
| **Teaching Scheme** | | | | **Evaluation Scheme** | | | |
| **Lecture** | **Practical** | **Tutorial** | **Credit** | **Internal Continuous Assessment (ICA)**  **(weightage)** | | | **Term End Examinations (TEE)**  **(weightage)** |
| 30 | - | - | 2 | **20** | | | **30** |
| **Internal Component Assessment**   |  |  | | --- | --- | | **ICA 1**  **Class Test (Compulsory)**  **10** | **ICA 2**  **Assignment 1**  **10** | | | | | | | | |
| **Learning Objectives:**  1.To impart the Fundamental knowledge of Environment and Sustainability, and make the learners understand the complex human- environmental relationships amongst the learners.  2. To evaluate the various Global Environmental issues and develop the understanding to resolve them  3. To emphasize the importance of environment management in all commercial and economic activities and explain theories and concept applied by businesses in environmental decision making  4. To orient learners towards the technological applications like Geo-spatial Technology and Google Earth. | | | | | | | |
| **Learning Outcomes:**  At the end of the course module, the students should be able to:   1. The learners will be enhanced with the knowledge of various environmental issues in the world and will be encouraged to take steps for the conservation and sustainability of natural environment 2. Learners will be encouraged with innovative business solutions in various sectors of the economy 3. Learners will be able to describe the importance and application of the environment management practices in business, commerce and corporate world 4. Learners will be able to explain changing perception of businesses and corporations in environmental decision making adopted in the world. | | | | | | | |
| |  | | --- | | **Pedagogy:** The objective of the course is to encourage students to learn and to appreciate the use of the various tools. Hence,  1**)** Short case studies would be either discussed in class  2) Pertaining to the topic covered, students would be given project/field work which will be of practical nature.  3) Besides, projects, newspapers articles, class room discussions, debates etc will be taken up to link the topics with the current scenario.  **Pre-requisite:**  1. Basic understanding of the relevance of natural environment and its spatial relevance  2. Awareness about existing conditions and issues in the field of Environment | | | | | | | | |
| **Detailed Syllabus: (per session plan)**  **Session Outline**  **Each lecture session would be of one hour duration (30 sessions)** | | | | | | | |

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| **Module** | **Module Content** | **Module Wise Pedagogy Used** | **Module Wise**  **Duration** | **Module Wise Reference Books** |
| I | **Global Environment Trends**  1.1 Global Trends influencing Environment and living conditions (Demography, urbanization and its challenges, Environmental health-pollution),  1.2 Challenges- Global Warming- Causes and Impacts, Climate change and mitigations-Climate Finance, Carbon Credit; Solid waste Management  1.3 Innovative ways of dealing with challenges through technology-Climate Technology | Field visits  Class room sessions  Documentary Screenings | 10 | Rajgopalan C (2015): Environmental Studies. Oxford University Press  Krishnamoorthy, Bala (2017).  Environmental Management Text and Cases. PHI Learning Pvt Ltd |
| II | **Environment Management**  2.1 Concept, need, Relevance; EMS, ISO series- ISO 14000  2.2 Environmental Audit- Environmental Accounting-Environmental Balance Sheets and Global Reporting Initiatives (GRI); Dow Jones Sustainability Index;  2.3 Environmental Legal framework and Regulations in India- Environment Impact Assessment (EIA)  2.4 Role of technology in Environment Management: Geospatial Technology (GST) | Class room sessions  Documentary Screenings | 10 | Prasad Modak, 2018, Environmental Management Towards Sustainability, CRC Press Taylor and Francis Group  Gupta A. (1998) - ‘Ecology and Development in the Third World’, Routledge  **Environmental Law in India** by P. Leelakrishnan |
| III | **Industry, Business and Environment Management**   * 1. Industries and Environment-impact; Sustainable Industries   2. Green Business-Green Consumption-Green Marketing   3. Role of Corporate sustainability in Environment Management- Introduction to Nudge Theory; Triple Bottom Line Concept; Introduction to ESG (Environmental, Social, Governance) Criteria | Class room sessions  Documentary Screenings | 10 | C J Barrow (2005): Environmental Science, Routledge Publications  World Business Council for Sustainable Development 2019,2020,2021  Jayamani, C. V. and Vasanthagopal, R. (2012). ‘Environmental Management’, New Century Publications, New Delhi. |

Prepared by Approved by

Signature Signature

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