**Foundation Courses**

**Course Name: Sustainable Development Goals (SDGs) 2030**

**Course Code: MPDC-205**



**Course Objective:** The course aims to provide learners with a conceptual and historical understanding of sustainable development, including its evolution from the Brundtland Commission to the transition from MDGs (Millenium Development Goals) to SDGs (Sustainable Development Goals). It further seeks to familiarise students with the framework, scope and interlinkages of the 17 SDGs and their relevance to contemporary global development challenges.

**Credit: 01**

## SYLLABUS

**Unit 1: Introduction to Sustainable Development: Glimpses into History and Current practices**

Broad introduction to SD - its importance, need, impact and implications; definition coined; evolution of SD perspectives (MDGs AND SDGs) over the years; recent debates; 1987 Brundtland Commission and outcome; later UN summits (Rio summit, etc.) and outcome.

**Learning Purpose:**

After successful completion of this unit, the learner will be able to:

- **Explain** the concept, significance, and necessity of Sustainable Development in the contemporary global context. *(Knowledge Outcome)*
- **Trace and interpret** the historical evolution of sustainable development thinking, including the Brundtland Commission, MDGs, and SDGs. *(Cognitive & Analytical Outcome)*
- **Critically assess** major global summits and international frameworks related to sustainability. *(Critical Thinking Outcome)*
- **Develop interdisciplinary perspectives** by linking environmental, economic, and social dimensions of development. *(Holistic & Multidisciplinary Outcome – NEP 2020)*

**Suggested Reading List**

**Books**


- World Commission on Environment and Development (WCED). (1987). *Our Common Future*. Oxford University Press.
- Dresner, S. (2008). *The Principles of Sustainability*. Earthscan, London.
- Hopwood, B., Mellor, M., & O'Brien, G. (2005). *Sustainable Development: Mapping Different Approaches*. Wiley InterScience.
- Meadows, D. H., Meadows, D. L., Randers, J., & Behrens, W. (1972). *The Limits to Growth*. Universe Books.


**Reports and Institutional Publications**


- United Nations. (1992). *Agenda 21: United Nations Conference on Environment and*

*Development*.

- United Nations Development Programme (UNDP). *Human Development Reports* (Selected editions).
- United Nations Environment Programme (UNEP). *Global Environment Outlook (GEO) Reports*.

**Research Articles**

Leiserowitz, A. A., Kates, R. W., & Parris, T. M. (2005). Do global attitudes and behaviors support sustainable development?. *Environment: Science and Policy for Sustainable Development*, *47*(9), 22-38.

Redclift, M. (2005). Sustainable development (1987–2005): an oxymoron comes of age. *Sustainable development*, *13*(4), 212-227.

**Unit 2: About the seventeen SDGs:**

SDG 1: No Poverty, SDG 2: Zero Hunger**,** SDG 3: Good Health and Well-being**,** SDG 4: Quality Education**,** SDG 5: Gender Equality**,** SDG 6: Clean Water and Sanitation**,** SDG 7: Affordable and Clean Energy**,** SDG 8: Decent Work and Economic Growth**,** SDG 9: Industry, Innovation and Infrastructure**,** SDG 10: Reduced Inequality**,** SDG 11: Sustainable Cities and Communities**,** SDG 12: Responsible Consumption and Production**,** SDG 13: Climate Action**,** SDG 14: Life Below Water**,** SDG 15: Life on Land**,** SDG 16: Peace and Justice Strong Institutions**,** SDG 17: Partnerships to achieve the Goal

**Learning Puposes:**

Upon completion of this unit, the learner will be able to:

- **Describe** the objectives, targets, and indicators of the 17 Sustainable Development Goals. *(Knowledge Outcome)*
- **Analyse interlinkages and synergies** among social, economic, and environmental SDGs. *(Systems Thinking – NEP 2020)*
- **Evaluate global and national challenges** related to poverty, health, education, inequality, climate change, and governance. *(Problem-Solving & Analytical Outcome)*
- **Appreciate the role of partnerships, institutions, and global cooperation** in achieving sustainable development. *(Ethical, Civic & Global Citizenship Outcome)*

**Suggested Reading list:**

Core UN Documents

- United Nations. (2015). *Transforming Our World: The 2030 Agenda for Sustainable Development*.
- United Nations Statistics Division. *Global Indicator Framework for the Sustainable Development Goals*.
- United Nations General Assembly. *Follow-up and Review of the 2030 Agenda for Sustainable Development*.

Thematic Reports by International Organizations

- FAO. *The State of Food Security and Nutrition in the World*.
- World Health Organization (WHO). *World Health Statistics*.
- UNESCO. *Global Education Monitoring Report*.
- UN Women. *Progress of the World's Women*.
- International Energy Agency (IEA). *World Energy Outlook*.
- UN-Habitat. *World Cities Report*.
- Intergovernmental Panel on Climate Change (IPCC). *Assessment Reports*.

- Convention on Biological Diversity (CBD). *Global Biodiversity Outlook*.
- OECD. *Global Partnership for Effective Development Cooperation Reports*.

Key Research Papers

Griggs, D., Stafford-Smith, M., Gaffney, O., Rockström, J., Öhman, M. C., Shyamsundar, P., ... & Noble, I. (2013). Sustainable development goals for people and planet. *Nature*, *495*(7441), 305-307.

Nilsson, M., Chisholm, E., Griggs, D., Howden-Chapman, P., McCollum, D., Messerli, P., ... & Stafford-Smith, M. (2018). Mapping interactions between the sustainable development goals: lessons learned and ways forward. *Sustainability science*, *13*(6), 1489-1503.

- Sachs, J. D., Schmidt-Traub, G., Mazzucato, M., Messner, D., Nakicenovic, N., & Rockström, J. (2019). Six transformations to achieve the sustainable development goals. *Nature sustainability*, *2*(9), 805-814.