

INTERNSHIP PROGRAMME FOR UG DEGREE (SEMESTER-V)

(For the students admitted under New Curriculum and Credit Framework from the academic session 2023-24)



Course Title: Sustainable Earth	
Internship Providing Organization (IPO):	Department of Geography, Bankura Sammilani College
Category of Course:	For UG DEGREE (SEM-V)
Duration:	60 Hours
Course Coordinator and Contact Details:	Dr. Ulfat Khan Mob: 9434627170
Mentor:	Mr. Muktadar Hossain
Intake Capacity:	50 Students
Course Fees:	Rs. 100/- (Students from Host Institution) Rs. 400/- (Students from Other Institution)

SYLLABUS

Course Title: Sustainable Earth
[50 Marks/2 Credits/60 Hours]

Learning Outcomes (LO)

- Understand the basic concept of Sustainable Development (SD), the environmental, social, and economic dimensions
- Develop an encompassing understanding of sustainability issues
- Understand the embedment of sustainability issues in environmental, societal, and economic systems, and the relevance of the conditions, interrelations, and dynamics of these systems.
- Demonstrate knowledge and understanding of the current sustainable development policies followed by selected countries.
- Demonstrate capability in designing specialized methodology for designing and implementing localized sustainable development measures.

Unit-1: Sustainability and Challenges

[15 hours]

- 1.1 Introduction to Sustainable development: Concept, Components, Historical background, Principles, Pillars and Importances of Sustainable development.
- 1.2 Determinants of Sustainable development: Production, Consumption and distribution, Conflict on development and environment.
- 1.3 Global Environmental Issues: Climate Change, Global Warming, Deforestation, Environmental Pollution, Ground Water Contamination.

Unit-2: SDGs and Policy Implementation

[15 hours]

- 2.1 Environmental Policies and Movement in India: New Environmental Policy in India (2006), Wildlife Protection Act (1972), Forest Protection Act (1980), Chipko Movement, Silent Valley Movement.
- 2.2 Sustainable Development Goals: Illustrative SDGs, Achievements and Challenges, Global-based development.
- 2.3 Greenery World: Concept of Smart and Green City, Green Economy, Green House Effect, Eco tourism, 5R in Waste management, clean development mechanism, Carbon Trading.

Unit-3: Project Report

[30 hours]

Preparation of a Field-Based Project Report on any Sustainable Development Goals

- The project report should be prepared based on primary data obtained from a field survey for either a rural area or an urbanized area. The Report may be prepared on the following Issues:
 1. Poverty
 2. Hunger Situation
 3. Human health and well-being
 4. Educational status
 5. Gender issues
 6. Water Scarcity
 7. Economic Growth
 8. Industry, Innovation and Infrastructure
 9. Unplanned Urbanization
 10. Climate Change
- This project has to be prepared individually and duly signed by the concerned supervisor and must be submitted before the Examination. The report should contain the following points:
 - Introduction, Literature Review, Objectives, Selection of the Study area, Database and Methodology, Significance, Limitations, Geographical background of the study, Results and Discussion, Problems and Recommendations, Conclusion, References.
 - The report should be prepared in computer type, line spacing 1.5, Front-Times New Roman, Size-12, Word limit-5000.
 - The individual student has to submit one power PowerPoint presentation based on the project report in front of the supervisor and an external expert.

References:

- Rogers, P. P., Jalal, K. F., & Boyd, J. A. (2012). *An introduction to sustainable development*. Routledge.
- Blewitt, J. (2012). *Understanding sustainable development*. Routledge.
- Sachs, J. D. (2015). *The age of sustainable development*. Columbia University Press.
- Carley, M., & Christie, I. (2017). *Managing sustainable development*. Routledge.
- Sayer, J., & Campbell, B. (2004). *The science of sustainable development*. Cambridge University Press, Cambridge, UK
- Dalal-Clayton, B., & Bass, S. (2012). *Sustainable development strategies: a resource book*. Routledge.
- Harrison, N. E. (2000). *Constructing sustainable development*. Suny Press.
- Beder, S. (1993). *The nature of sustainable development* (pp. 94-6). Newham, Australia: Scribe Publications.

Reid, D. (2013). *Sustainable development: An introductory guide*. Routledge. Goldin, I., & Winters, L. A. (Eds.). (1995). *The economics of sustainable development*. Cambridge University Press.

Roosa, S. A. (2020). *Sustainable development handbook*. CRC Press.